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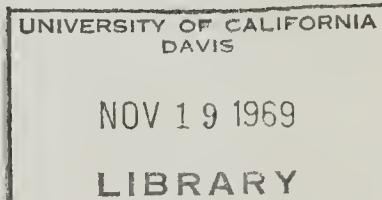


STATE OF CALIFORNIA
The Resources Agency
Department of Water Resources

BULLETIN No. 130-67

HYDROLOGIC DATA: 1967

Volume II: NORTHEASTERN CALIFORNIA



MAY 1969

NORMAN B. LIVERMORE, JR.
Secretary for Resources
The Resources Agency

RONALD REAGAN
Governor
State of California

WILLIAM R. GIANELLI
Director
Department of Water Resources

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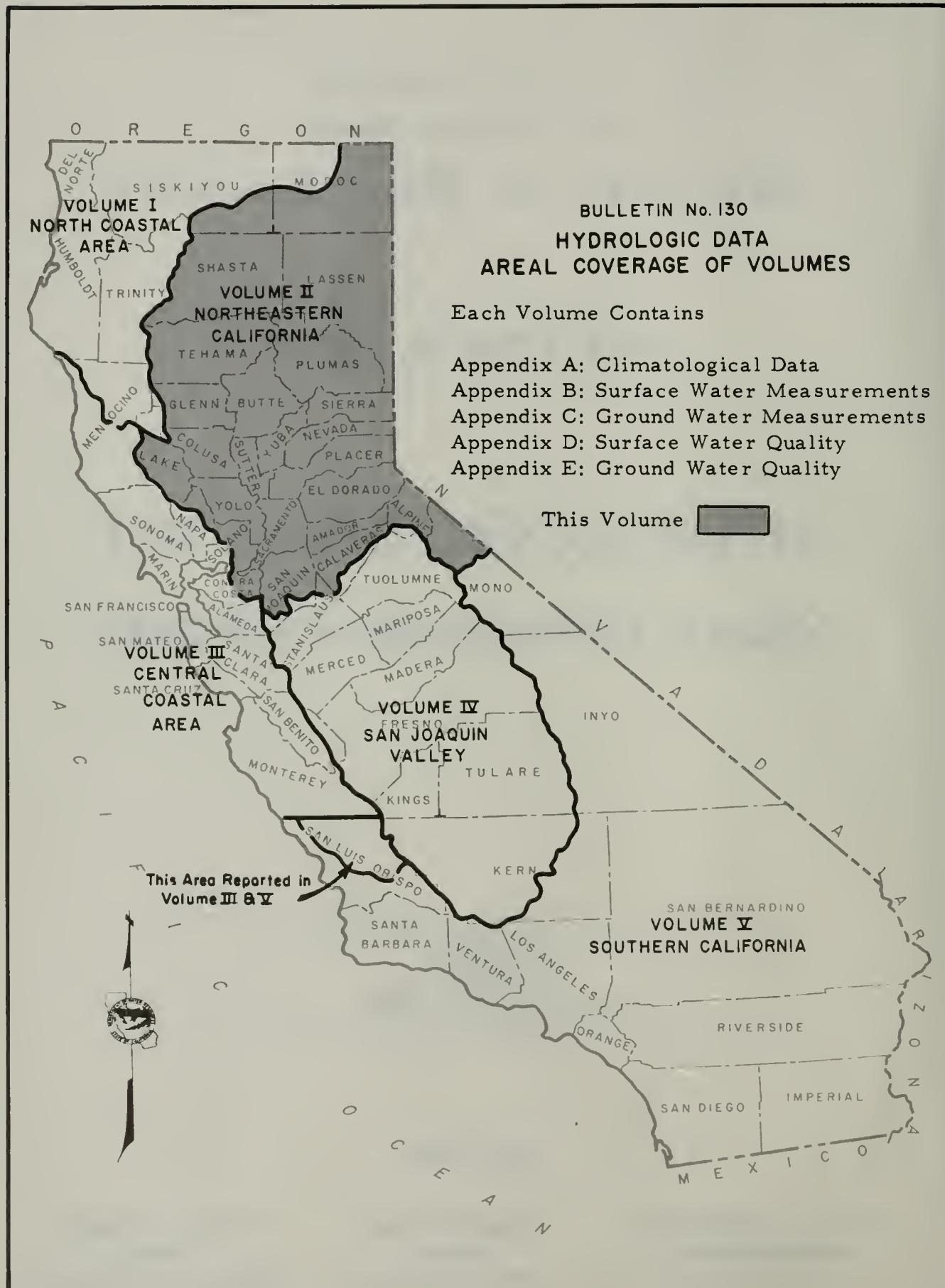
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BULLETIN No. 130
HYDROLOGIC DATA
AREAL COVERAGE OF VOLUMES

Each Volume Contains

- [Appendix A: Climatological Data](#)
 - [Appendix B: Surface Water Measurements](#)
 - [Appendix C: Ground Water Measurements](#)
 - [Appendix D: Surface Water Quality](#)
 - [Appendix E: Ground Water Quality](#)

This Volume

FOREWORD

The data collection programs of the Department of Water Resources have been designed to supplement the activities of other agencies to satisfy specific needs of the State. Bulletin No. 130-67 presents useful, comprehensive, accurate, and timely hydrologic data which are prerequisites for effective planning, design, construction, and operation of water facilities.

The Bulletin No. 130 series is published annually in five volumes. Each volume presents hydrologic data for one of five reporting areas of the State. These areas are delineated on the map to the left.

William R. Gianelli
William R. Gianelli, Director
Department of Water Resources
The Resources Agency
State of California

METRIC CONVERSION TABLE

ENGLISH UNIT

EQUIVALENT METRIC UNIT

1 Inch (in)	2.54	Centimeters
1 Foot (ft)	0.3048	Meters
1 Mile (mi)	1.609	Kilometers
1 Acre	0.405	Hectares
1 Square mile (sq.mi.)	2.590	Square kilometers
1 U. S. gallon (gal)	3.785	Liters
1 Acre-foot (ac.ft.)	1,233.5	Cubic meters
1 U. S. gallon per minute (gpm)	0.0631	Liters per second
1 Cubic foot per second (cfs)	1.7	Cubic meters per minute
1 Part per million (ppm)	1	Milligram per liter (mg/l)
1 Part per billion (ppb)	1	Microgram per liter (ug/l)
1 Part per trillion (ppt)	1	Nanogram per liter (ng/l)
1 Equivalent per million (epm)	1	Milliequivalent per liter (me/l)

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Placer County

Sacramento County
Sacramento Municipal Utility District
San Joaquin County
Solano Irrigation District
South San Joaquin Irrigation District

South Sutter Water District
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U. S. Weather Bureau
Yolo County
Yuba County

State of California
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ABSTRACT

This report contains tables showing data on climate, surface water flow, ground water levels, and surface and ground water quality in Northeastern California for the 1966-67 water year. Figures show the location of ground water basins, the fluctuation of water levels in wells, the location of surface water quality sampling stations, lines of salinity encroachment, and daily specific conductance at selected stations. Plates show the location of climatological and surface water measurement stations, major drainage and hydrographic unit boundaries, hydrographs of major lakes, and lines of equal elevation of water in wells.

Appendix A

CLIMATOLOGICAL DATA

INTRODUCTION

This appendix summarizes monthly precipitation, temperature, wind movement and evaporation data for Northeastern California from July 1, 1966 to September 30, 1967. Twenty-one cooperating agencies and 291 local observers supplied the data. Detailed daily and hourly data not published here are available in the files of the Department of Water Resources.

To insure accuracy, stations are inspected annually to see that the equipment is properly maintained and that observations generally are taken in accordance with U. S. Weather Bureau standards.

Each station in this appendix has been assigned an identification number. The letter and first digit denote the drainage basin as shown below. The remaining digits denote the sequence of the station in alphabetical order.

<u>Sacramento River Basin</u>	<u>San Joaquin River Basin</u>	<u>North Lahontan Area</u>
A0 Sacramento Valley Floor	B0 San Joaquin Valley Floor	G1 Surprise Valley
A1 Pit River	B1 Cosumnes River	G2 Madeline Plains
A2 Shasta Lake	B2 Mokelumne-	G3 Eagle Lake
A3 Sacramento Valley West Side	Calaveras Rivers	G4 Susan River
A4 Sacramento Valley Northeast	B8 San Joaquin Valley West Side	G5 Smoke River
A5 Feather River	B9 Sacramento-San Joaquin Delta	G6 Herlong
A6 Yuba-Bear Rivers		G7 Truckee River
A7 American River		G8 Carson River
A8 Cache Creek		G9 Walker River
A9 Putah Creek		

TABLE A-1 INDEX OF CLIMATOLOGICAL STATIONS FOR 1966-67

An explanation of the column headings and the code symbols follows:

40-Acre Tract - This denotes the location of the station within the section in which it is located. The letter code is derived from the diagram to the right.

D	C	B	A
E	F	G	H
M	L	K	J
N	P	Q	R

Base and Meridian - The code for this column is as follows:

M - Mount Diablo Base and Meridian

Cooperator Number - This number is assigned from the following list:

- 000 Private Cooperators
- 003 Pacific Gas and Electric Company
- 408 Contra Costa County Flood Control and Water Conservation District
- 412 East Bay Municipal Utility District
- 419 Tehama County Flood Control and Water Conservation District
- 422 Sacramento County
- 440 Sacramento Municipal Utility District
- 801 Pomology Department, University of California, Davis
- 802 Irrigation Department, University of California, Davis
- 804 California Department of Beaches and Parks
- 805 California Department of Fish and Game
- 806 California Department of Water Resources
- 808 California Division of Forestry
- 809 California Division of Highways
- 900 United States Weather Bureau
- 902 United States Air Force
- 903 United States Corps of Engineers
- 904 United States Bureau of Reclamation
- 905 United States Forest Service
- 906 United States Agricultural Research Service
- 907 State Climatologist (Unpublished U.S. Weather Bureau)
- 911 Military Weather Stations in California

Cooperator's Index Number - This is the number assigned to the station by the agency responsible for or handling the records of the station. The U. S. Weather Bureau number is only shown in this column when it differs from the alpha order number.

County - This is a standard code for California counties and adjacent areas as shown below:

Alpine	02	Lake	17	Plumas	32	Stanislaus	50
Amador	03	Lassen	18	Sacramento	34	Sutter	51
Butte	04	Modoc	25	San Joaquin	39	Tehama	52
Calaveras	05	Mono	26	Shasta	45	Yolo	57
Colusa	06	Napa	28	Sierra	46	Yuba	58
El Dorado	09	Nevada	29	Siskiyou	47	State of Oregon	61
Glenn	11	Placer	31	Solano	48	State of Nevada	62

TABLE A-1 (Cont.)
INDEX OF CLIMATOLOGICAL STATIONS FOR 1966-67
NORTHEASTERN CALIFORNIA

Station		Elevation (in Feet)	Section	Township	Range	40-Acre Tract Bose & Meridian	Latitude	Longitude	Cooperator's Number	Cooperator's Index Number	Record Begun	Record Ended	Years Missing	County Code
Number	Name					O I II	O I II							
A1 0029	ADIN RANGER STATION	4193	SEC 28	T39N	R09E	D M 41 12 00	120 57 00	900			1894		25	
A1 0029-01	ADIN ELZEA RANCH	4200	SEC 08	T38N	R09E	G M 41 09 03	120 57 30	000			1957		18	
A8 0034	ADOBE CREEK	1530	SEC 05	T12N	R09W	A M 38 55 29	122 52 42	000			1946		17	
A0 0039-34	AEROJET	140	SEC 21	T09N	R07E	B M 38 37 26	121 12 48	000			1962		34	
A3 0093	ALDER SPRINGS	4440	SEC 24	T21N	R08W	G M 39 39 39	122 42 26	903			1966		11	
B8 0146-03	ALTAMONT 4 E	300	SEC 24	T02S	R03E	J M 37 44 37	121 35 16	000			1964		60	
B2 0149	ALTAVILLE CDF	1545	SEC 29	T03N	R13E	H M 38 05 01	120 33 37	808			1960		05	
A1 0156	ALTURAS COPCO	4400	SEC 12	T42N	R12E	B M 41 30 00	120 31 54	000			1948		02	25
A1 0158	ALTURAS INSP STN	4410	SEC 33	T43N	R13E	G M 41 31 30	120 28 24	000			1957		25	
A1 0159	ALTURAS 7 ESE	4900	SEC 18	T42N	R14E	N M 41 30 00	120 24 00	000			1960		25	
A1 0161	ALTURAS RANGER STA	4365	SEC 13	T42N	R12E	M 41 29 00	120 32 00	900			1904		12	25
A1 0161 02	ALTURAS 2 SE	4450	SEC 19	T42N	R13E	L M 38 57	00	806			1959	1966	25	
A0 0201 04	ANDERSON 4 E	390	SEC 17	T30N	R03W	F M 40 27 18	122 13 48	806			1958	1966	45	
B9 0227	ANTIOCH FIBREBD MILL	28	SEC 17	T02N	R02E	R M 38 00 47	121 46 13	900			1879		07	
B8 0232	ANTIOCH PUMP PLANT 3	60	SEC 26	T02N	R02E	M N 37 59 02	121 43 39	900			1948		07	
A7 0241	APPLEGATE	2200	SEC 10	T13N	R09E	E M 38 59 36	120 58 09	000			1906		31	
A0 0248-02	ARBUCKLE 5 SSW	360	SEC 29	T13N	R02W	A M 38 57 00	122 06 00	000			1940		06	
A0 0255	ARDEN AND MISSION	87	SEC 31	T09N	R06E	A M 38 35 42	121 21 12	422			1959		34	
A0 0256	ARDEN PARK BAILEY	65	SEC 36	T09N	R05E	Q M 38 34 54	121 22 48	000			1950		34	
A7 0383	AUBURN	1292	SEC 10	T12N	R08E	Q M 38 53 57	121 04 07	900			1870		31	
A7 0385	AUBURN DIV FORESTRY	1058	SEC 11	T12N	R08E	L M 38 54 14	121 03 15	808 040386			1953	1967	31	
A3 0468	BALL MTN LOOKOUT	6500	SEC 17	T24N	R08W	M M 39 56 00	122 47 00	900			1948		52	
A6 0481	BANGOR FIRE STATION	750	SEC 28	T18N	R05E	H M 39 23 25	121 24 28	000			1961		04	
A6 0568	BEAR RIVER HEAD DAM	1950	SEC 22	T15N	R09E	Q M 39 08 01	120 57 11	003			1959		31	
BO 0639	BELLOTA ANDERSON	108	SEC 12	T02N	R08E	D M 38 02 40	121 03 30	000			1959		39	
A9 0705	BERRYESSA LAKE	455	SEC 07	T08N	R03W	K M 38 33 07	122 13 03	900			1957		28	
A1 0731	BIEBER	4130	SEC 23	T38N	R07E	E M 41 07 18	121 08 25	900			1940		18	
A1 0731-05	BIEBER BABCOCK	4100	SEC 02	T37N	R07E	D M 41 04 45	121 08 22	000			1957		18	
A1 0731-08	BIEBER 4 NW	4190	SEC 05	T38N	R07E	K M 41 09 40	121 11 20	000			1957		18	
A1 0733	BIEBER CARY	4125	SEC 23	T38N	R07E	E M 41 07 48	121 08 36	000			1929		18	
A6 0747	BIG BEND RANGER STN	5739	SEC 28	T17N	R13E	K M 39 18 24	120 31 00	900 PN1768			1943		31	
A3 0840-11	BLACK BUTTE DAM	425	SEC 32	T23N	R04W	H M 39 48 30	122 19 45	903			1961		52	
A0 0841	BLACK BUTTE RANCH	375	SEC 03	T22N	R04W	M M 39 47 18	122 18 00	000			1953		11	
A1 0867	BLACKS MOUNTAIN	7200	SEC 33	T34N	R07E	M M 40 11 46	120 12 00	900			1941		05	18
A7 0883	BLODGETT EXP FOREST	4414	SEC 08	T12N	R12E	D M 38 54 35	120 40 00	000			1961		09	
A7 0897	BLUE CANYON WB AP	5280	SEC 02	T16N	R11E	P M 39 16 42	120 42 28	900			1940		31	
G7 0931	BOCA	5575	SEC 28	T18N	R17E	D M 39 23 17	120 05 34	900			1870		18	29
G9 0943	BODIE	8370	SEC 17	T04N	R27E	A M 38 12 45	119 04 45	900			1895		50	26
A5 1002	BOULDER CREEK G S	5020	SEC 15	T27N	R12E	G M 40 11 52	120 36 45	905			1964		32	
A6 1018	BOWMAN DAM	5347	SEC 08	T18N	R12E	D M 39 26 42	120 39 22	900			1871		29	
B9 1043	BRANNAN ISLAND	35	SEC 13	T03N	R02E	A M 38 06 32	121 41 48	900			1962		34	
B9 1059	BRENTWOOD	85	SEC 24	T01N	R02E	R M 37 55 12	121 41 48	000 041059			1879		12	07
B8 1060	BRENTWOOD 6 SW	325	SEC 32	T01N	R02E	Q M 37 53 00	121 46 28	900			1950		07	
G9 1072	BRIDGEPORT	6470	SEC 33	T05N	R25E	D M 38 12 20	119 13 38	900			1903		26	
A6 1074	BRIDGEPORT 2S NEV CO	950	SEC 04	T16N	R07E	Q M 39 16 12	121 11 35	000			1959	1967	29	
G9 1076	BRIDGEPORT R S	6560	SEC 23	T05N	R24E	J M 38 16 37	119 17 18	900			1950		26	
G7 1096	BROCKWAY SUMMIT	7200	SEC 03	T16N	R17E	K M 39 16 120 04	04	903			1961		29	
A8 1112	BROOKS FARNHAM RCH	294	SEC 35	T11N	R03W	A M 38 45 53	122 09 18	900			1946		57	
A0 1117-58	BROWNS VALLEY 2 NE	435	SEC 11	T16N	R05E	G M 39 15 38	121 22 34	000			1963		03	58
A5 1130	BRUSH CREEK R S	3560	SEC 07	T21N	R06E	H M 39 41 29	121 20 17	900			1935		04	
A7 1133	BRUSHY SPRINGS G S	4880	SEC 06	T13N	R13E	M M 39 00 20	120 120 34	40 000			1951		31	
A1 1147	BUCK CREEK R S	5195	SEC 07	T46N	R15E	M M 41 52 24	120 17 30	905			1944		25	
A1 1149	BUCKHORN	3771	SEC 27	T35N	R01E	M M 40 52 121 51	00	900			1948		03	45
A5 1159	BUCKS CREEK PH	1760	SEC 29	T24N	R06E	B M 39 54 40	121 19 36	900 PN1153			1928		02	32
A5 1161	BUCKS LAKE	5200	SEC 33	T24N	R07E	F M 39 53 40	121 12 12	900			1915		32	
A5 1162	BUCKS STORAGE RES	5200	SEC 33	T24N	R07E	F M 39 53 40	121 12 12	003			1930		32	
BO 1171	BUENA VISTA	285	SEC 18	T05N	R10E	A M 38 17 34	120 54 46	412			1958		03	
A6 1180	BULLARDS BAR PH	1800	SEC 24	T18N	R07E	E M 39 24 27	121 08 47	900			1941		58	
A1 1214	BURNNEY	3127	SEC 20	T35N	R10E	D M 40 53 00	121 40 00	900			1943		45	
A1 1238	BUTTE LAKE	6060	SEC 10	T31N	R06E	F M 40 33 48	121 18 06	900 041237			1960		18	
B2 1277	CALAVERAS BIG TREES	4696	SEC 22	T05N	R15E	C M 38 16 40	120 18 31	900			1929		05	
BO 1325	CAMANCHE DAM	165	SEC 06	T04N	R09E	Q M 38 13 19	121 01 35	412			1965		39	
BO 1325-05	CAMANCHE NORTH STN	300	SEC 06	T04N	R09E	H M 38 13 45	121 01 05	412			1965		39	
BO 1325-06	CAMANCHE SOUTH STN	330	SEC 15	T04N	R09E	C M 38 12 13	120 58 20	412			1965		05	
A5	CAMEL PEAK	5560	SEC 32	T22N	R08E	H M 39 43 26	121 05 58	000			1967		32	

TABLE A-1 (Cont.)
INDEX OF CLIMATOLOGICAL STATIONS FOR 1966-67
NORTHEASTERN CALIFORNIA

Station		Elevation (in Feet)	Section	Township	Range	40-Acre Tract		Base & Meridian	Latitude	Longitude	Cooperator Number	Cooperator's Index Number	Record Began	Record Ended	Years Missing	County Code
Number	Name					0	I									
A7 1359-01	CAMINO DRIVER	3280	SEC 33	T11N	R12E	N	M	38 45 06	120 39 05	000		1947	1967	09		
B2 1428	CAMP PARDEE	658	SEC 35	T05N	R10E	C	M	38 15 00	120 38 00	900		1926		05		
A6 1433	CAMP PIONEER SKI SHL	5565	SEC 01	T20N	R12E			39 38 00	120 34 00	900		1941		46		
A6 1462	CAMPTONVILLE R S	2755	SEC 02	T18N	R08E	Q	M	39 27 05	121 02 55	900		1907		58		
A1 1475	CANBY 11 SW	4505	SEC 21	T41N	R08E	Q	M	41 22 18	121 03 00	900		1958		25		
A1 1476	CANBY RANGER STN	4312	SEC 30	T42N	R10E	N	M	41 27 00	120 52 00	900		1943		25		
A5 1495-04	CANYON CREEK STORE	1610	SEC 32	T21N	R05E	R	M	39 37 45	121 25 53	000		1963		04		
A5 1497	CANYON DAM	4555	SEC 28	T27N	R08E	G	M	40 10 19	121 05 13	900		1907		32		
A8 1500	CAPAY 4 W	300	SEC 20	T10N	R02W	E	M	38 42 18	122 07 00	000		1889		57		
A5 1522	CARIBOU PH	2986	SEC 25	T26N	R07E	C	M	40 05 10	121 08 52	900		1921		32		
08 1556-26	CARSON CITY NEVADA	4675	SEC 17	T15N	R02E	M	38 10 00	119 46 00	00 900	261485	1875		17	62		
A5 1557-50	CASCADE	4065	SEC 10	T21N	R07E	B	M	39 42 00	121 10 41	000		1964		32		
C1 1614	CEDARVILLE	4670	SEC 08	T42N	R16E	M	41 31 42	120 10 24	900		1894		25			
C1 1614-05	CEDARVILLE HANSEN	4450	SEC 12	T41N	R16E	C	M	41 26 22	120 05 50	000		1957		25		
C1 1614-26	CEDARVILLE 12 SE	4800	SEC 04	T41N	R18E	C	M	41 26 48	119 59 18	000		1960		62		
B1 1616	CEDARVILLE TREE FARM	2625	SEC 03	T08N	R12E	N	M	38 34 08	120 38 46	000		1960		09		
A4 1624	CENTERVILLE PH	522	SEC 05	T22N	R03E	M	39 47 00	121 12 00	900		1914		04			
AO 1634-01	CENTRAL VALLEY BURNS	765	SEC 31	T33N	R04W	G	M	40 40 36	122 21 54	000		1957		45		
BO 1635-01	CENTRAL VLY HATCHERY	38	SEC 36	T07N	R05E	A	M	38 25 00	121 22 00	805		1956		34		
O3 1644	CHAMPS FLAT	5590	SEC 27	T33N	R09E	M	M	40 41 42	120 57 00	30 000		1959		18		
A6 1653	CHALLENGE R S	2560	SEC 19	T19N	R07E	Q	M	39 29 02	121 13 23	900		1937		58		
A5 1693	CHEROKEE	1355	SEC 33	T21N	R04E	H	M	39 38 07	121 31 35	000		1963		04		
A5 1700	CHESTER	4525	SEC 08	T28N	R07E	D	M	40 18 21	121 13 38	900		1909		32		
AO 1715	CHICO EXP STN	205	SEC 05	T21N	R02E	M	39 42 00	121 47 00	900		1870		04			
AO 1716-01	CHICO AIRPORT	220	SEC 34	T23N	R01E	P	M	39 47 54	121 51 12	000		1959		04		
AO 1767	CIRCLE T RANCH	205	SEC 08	T07N	R01W	L	M	38 27 54	121 59 48	000		1949		48		
A6 1767	CISCO	5830	SEC 33	T17N	R13E	M	39 18 120	32 32	900		1966		31			
AO 1773	CITRUS HEIGHTS	138	SEC 23	T10N	R06E	L	M	38 42 28	121 17 48	900		1952		34		
AO 1773-34	CITRUS HEIGHTS F S	160	SEC 35	T10N	R06E	H	M	38 40 45	121 17 00	000		1963		34		
AO 1782	CLARKS VALLEY MUDD	410	SEC 35	T20N	R05W	E	M	39 32 54	123 23 54	000		1957		11		
A5 1783	CLARKS PEAK 1 NE	5910	SEC 10	T27N	R13E	H	M	40 12 50	120 29 34	000		1958		32		
B9 1784	CLARKSBURG	14	SEC 34	T07N	R04E	F	M	38 25 00	121 32 00	900		1936		57		
BO 1785	CLAY 1 NW	95	SEC 23	T06N	R07E	Q	M	38 21 12	121 10 24	412		1931		02	34	
AB 1806	CLEARLAKE HIGHLANDS	1320	SEC 20	T13N	R07W	M	M	38 58 00	122 39 00	900		1954		17		
AB 1809	CLEARLAKE OAKS 7 E	1030	SEC 06	T13N	R06W	R	M	38 59 54	122 33 22	000		1963	1967	17		
BO 1813	CLEMENTS	120	SEC 16	T04N	R08E	G	M	38 12 15	121 05 55	412		1926		39		
A6 1827	CLIPPER GAP	1675	SEC 19	T13N	R09E	C	M	38 58 09	121 01 10	000		1963		31		
A5 1845-32	CLOVER VALLEY	5500	SEC 07	T24N	R14E	R	M	39 56 40	120 27 00	000		1965		32		
AO 1854	CLUB RANCH	445	SEC 32	T12N	R07E	G	M	38 05 25	120 56 48	808		1955	1966	31		
AB 1880	COBB	2520	SEC 10	T11N	R08W	A	M	38 49 30	122 43 18	000		1923		17		
A8 1882	COBB 2 NW	2600	SEC 05	T11N	R08W	M	38 50 122	46	907		1961		17			
A4 1891	COHASSET 1 NNE	3180	SEC 14	T24N	R02E	B	M	39 56 42	121 43 12	900		1962		04		
AO 1907	COLEMAN FISH HATCH	420	SEC 01	T29N	R03W	M	40 24 122	08	900		1943		45			
A7 1912	COLFAX	2418	SEC 03	T14N	R09E	A	M	39 05 56	120 57 08	900		1870		31		
A7 1912-01	COLFAX FIRE STATION	2350	SEC 02	T14N	R09E	M	M	39 05 25	120 56 48	808		1960		31		
A6 1916	COLGATE PH	585	SEC 16	T17N	R07E	J	M	39 19 51	121 11 17	900		1907		58		
A7 1922	COLOMA	770	SEC 17	T11N	R10E	M	38 48 04	120 53 30	804		1961		09			
AO 1948	COLUSA 1 SSW	60	SEC 30	T16N	R01W	M	39 12 00	122 01	00		1948		06			
VO 1980	CONWAY SUMMIT	8150	SEC 26	T03N	R25E	J	M	38 05 14	119 10 48	809		1965		26		
A7 1985	COOL	1525	SEC 18	T12N	R09E	M	38 53 121	01	900		1959		09			
AO 1989 05	COON CREEK EXP PLOT	500	SEC 17	T13N	R07E	F	M	38 58 48	121 13 16	802		1958		31		
AO 2023-03	CORNING URL	270	SEC 27	T24N	R03W	M	39 54 01	122 11 42	000		1958		52			
AO 2023-04	CORNING JOBE	307	SEC 20	T24N	R03W	D	M	39 55 42	122 13 48	000		1959	1966	52		
AO 2027	CORNING HOUGHTON RCH	487	SEC 25	T24N	R05W	M	39 54 00	122 22 00	900		1948		52			
AO 2070	COTTONWOOD 7 W	475	SEC 10	T29N	R05W	R	M	40 22 36	122 24 30	000		1956		45		
AO 2073-34	COUNTRY CLUB CENTRE	56	SEC 25	T09N	R05E	D	M	38 36 28	121 23 19	000		1961		34		
A1 2085	COVE RANCH	4900	SEC 18	T47N	R13E	C	M	41 55 18	120 31 32	000		1963		25		
G7 2202	CRYSTAL PEAK G S	6850	SEC 15	T20N	R17E	C	M	39 35 30	120 04 30	911		1959		46		
G7 2202-46	CRYSTAL PEAK	8010	SEC 28	T20N	R17E	G	M	39 33 24	120 05 15	911		1962		46		
A8 2224	CUNNINGHAM	1421	SEC 29	T13N	R09W	M	38 57 00	122 53 27	900		1954		17			
B1 2252	D'AGOSTINI WINERY	1820	SEC 21	T08N	R11E	L	M	38 31 50	120 46 26	000		1962		03		
A4 2266	DALES	600	SEC 03	T28N	R02W	A	M	40 18 48	122 09 12	000		1951		52		
A1 2269	DANA 2 SE	3320	SEC 31	T38N	R04E	Q	M	41 05 42	121 31 31	900		1957		45		
AO 2274	DAN BEST RANCH	45	SEC 21	T11N	R02E	P	M	38 46 48	121 45 35	000		1941		57		
AO 2276	DANTONI ORCHARD	85	SEC 10	T15N	R04E	G	M	39 09 56	121 30 46	240		1958		58		
A4 2283	DARRAH FISH HATCHERY	975	SEC 29	T30N	R01W	B	M	40 25 54	121 59 42	805		1956		45		
AO 2294	DAVIS 2 WSW	60	SEC 17	T08N	R02E	M	38 32 06	121 46 30	900		1871		57			
AO 2294-02	DAVIS STATE NURSERY	29	SEC 07	T08N	R03E	G	M	38 33 17	121 40 48	808		1931		05	57	
AO 2294-04	DAVIS 3 S	45	SEC 27	T08N	R02E	Q	M	38 30 12	121 44 28	000		1926	1966	48		
AO 2294-05	DAVIS UCAP	65	SEC 19	T08N	R02E	A	M	38 31 56	121 47 13	000		1918	1967	57		

TABLE A-1 (Cont.)
INDEX OF CLIMATOLOGICAL STATIONS FOR 1966-67
NORTHEASTERN CALIFORNIA

Station		Elevation (in Feet)	Section	Township	Range	40-Acre Tract		Base & Meridian	Latitude	Longitude	Cooperator Number	Operator's Index Number	Record Began	Record Ended	Years Missing	County Code	
Number	Name					O	I										
A0 2294-06	DAVIS 2 NW	4750	SEC 20	T45N R14E	G M 41 43 48	120 22 30	900							1957		25	
A1 2296	DAVIS CREEK	3650	SEC 15	T39N R05E	R M 41 12 54	121 23 18	900							1940		25	
A1 2306	DAY																
A1 2320	DEAD HORSE RES 2 SE	5075	SEC 35	T45N R12E	L M 41 42 00	120 33 00	000							1959		25	
A6 2334	DEER CREEK PH	3700	SEC 35	T17N R10E	M 39 18 00	120 51 00	900							1907		29	
A4 2335	DEER CREEK FLAT	1910	SEC 14	T25N R01E	J M 40 01 16	121 49 34	419	PN2335	1960					52			
A0 2367	DEL PASO PARK	90	SEC 07	T09N R06E	J M 38 40 00	122 24 00	000							1954		34	
A4 2402	DE SABLA	2700	SEC 11	T23N R03E	M 39 52 00	121 37 00	900							1904		04	
A0 2414	DEWEY & WINDING WAY	160	SEC 10	T09N R06E	G M 38 38 57	121 18 24	422							1959		34	
A4 2416	DEWITT PEAK 2 WSW	1480	SEC 33	T27N R01W	R M 40 08 43	121 58 23	419							1960		52	
B1 2435-50	DIAMOND SPRINGS	1805	SEC 30	T10N R11E	M M 38 41 20	120 48 43	000	PN2431	1959					09			
A0 2451-02	DIXON 6 E	32	SEC 14	T07N R02E	L M 38 27 00	121 43	000							1949		48	
B9 2451-10	DIXON VOICE-AMERICA	28	SEC 09	T06N R02E	C M 38 23 04	121 45 27	000							1962		48	
G7 2453	D L BLISS STATE PARK	6775	SEC 16	T13N R17E	B M 38 58 43	120 06 05	804							1962		09	
A6 2457	DOBBINS F F S	1820	SEC 32	T18N R07E	D M 39 22 54	121 13 12	808							1957		58	
A6 2458	DOBBINS COLGATE	1550	SEC 09	T17N R07E	Q M 39 20 24	121 11 38	900							1904		58	
G2 2460	DODGE RESERVOIR 3NNE	6400	SEC 11	T36N R16E	C M 41 00 30	120 07 30	000							1959		18	
G7 2467	DONNER MEMORIAL S P	5937	SEC 17	T17N R16E	E M 39 19 23	120 13 54	900							1953		29	
B2 2493	DOUBLE SPRINGS RCH	860	SEC 09	T04N R11E	M M 38 12 48	120 46 25	000							1957		05	
A6 2500	DOWNIEVILLE R S	2895	SEC 35	T20N R10E	E M 39 33 31	120 49 48	900							1908		46	
G6 2504	DOYLE	4240	SEC 08	T25N R17E	P M 40 01 42	120 06 12	900							1923		18	
G6 2506	DOYLE 5 SSE	4385	SEC 04	T24N R17E	M 39 57 00	120 05 00	900							1956		18	
A6 2513	DRUM FOREBAY	4640	SEC 16	T16N R11E	M M 39 14 56	120 45 10	003							1915		29	
B1 2518	DRYTOWN-VAIRA RCH	740	SEC 22	T07N R10E	K M 38 26 46	120 51 33	000							1954		03	
A0 2543	DUFOUR	65	SEC 34	T11N R01E	A M 38 45 48	121 50 24	000							1936		57	
A0 2568	DUNNIGAN	65	SEC 15	T12N R01W	M M 38 08 53	121 57 55	900							1877	20	57	
A0 2569	DUNNIGAN POWERS RCH	104	SEC 17	T10N R10W	J M 38 53 15	121 59 20	000							1930		57	
A2 2572	DUNSMUIR R S	2420	SEC 13	T39N R04W	M 41 13 00	122 16 00	900							1889		47	
A0 2576-01	DURHAM FIRE STATION	155	SEC 30	T21N R02E	M M 39 38 36	121 47 54	000							1983		04	
A3 2590	EAGLE CREEK	950	SEC 12	T30N R07W	D M 40 28 24	122 31 36	000							1963		45	
G3 2595-02	EAGLE LAKE NELSON	5121	SEC 07	T32N R11E	G M 40 39 05	120 46 20	000							1960		18	
G1 2599-06	EAGLEVILLE 2 SE	4450	SEC 31	T40N R17E	K M 41 17 18	120 05 12	000							1963		25	
G1 2599-30	EAGLEVILLE 2 S	4450	SEC 36	T40N R16E	R M 41 17 06	120 05 54	000							1963		25	
A3 2640	EAST PARK RESERVOIR	1205	SEC 03	T17N R06W	M 39 22 00	122 31 00	900							1910		06	
A7 2720	EL DORADO F F S	1550	SEC 34	T10N R10E	E M 38 40 46	121 52 08	000							1955		09	
A7 2721	EL DORADO PH	1920	SEC 22	T11N R12E	A M 38 47 38	120 37 07	003							1936		09	
B2 2728	ELECTRA PH	715	SEC 33	T06N R12E	E M 38 19 52	120 40 10	900							1904		03	
BO 2742	ELK GROVE F D	48	SEC 06	T06N R06E	C M 38 24 31	121 21 51	422							1962	1967	34	
A0 2744	ELKHORN FERRY	40	SEC 34	T10N R03E	D M 38 40 35	121 37 48	000							1959		57	
BO 2760	ELLIOTT	92	SEC 34	T05N R07E	Q M 38 14 11	121 11 38	900							1926		39	
A5 2838-04	ENTERPRISE OWID	920	SEC 01	T19N R05E	M M 39 31 53	121 22 04	000							1965		04	
A0 2881-08	ESPARTO DESERET FMS	250	SEC 07	T09N R01W	F M 38 38 43	122 01 20	000							1951		57	
A0 2948	FAIR OAKS	180	SEC 13	T09N R06E	C M 38 38 32	121 16 14	000							1954		34	
A1 2964	FALL RIV MILLS INT	3340	SEC 25	T37N R04E	N M 41 01 00	121 28 00	900							1923		45	
A5 2994	FEATHER FALLS	2965	SEC 13	T20N R06E	E M 39 35 36	121 15 31	900							1938		04	
A0 3020	FERGUSON RANCH	800	SEC 20	T29N R05W	M 40 21 00	122 27 00	900							1951		52	
B1 3030	FIDDLETON LYNCH RCH	2140	SEC 19	T08N R12E	P M 38 31 33	120 42 01	900							1937		03	
A8 3055	FINLEY 1 NNE	1340	SEC 33	T14N R09W	M 39 01 00	122 52 00	000							1954		17	
A8 3056	FINLEY 1 SSE	1377	SEC 08	T13N R09W	R M 38 58 58	122 52 30	000							1957		17	
A8 3057	FINLEY 5 SW	1750	SEC 23	T13N R10W	M M 38 57 33	122 56 48	000							1957		17	
G4 3087	FLEMING FISH & GAME	4000	SEC 21	T29N R15E	N M 40 21 10	120 18 12	900							1958		18	
A3 3092	FLOOD RANCH	595	SEC 02	T22N R06W	R M 39 47 18	122 30 00	000							1940		11	
A3 3098	FLOURNOY 8 NW	965	SEC 04	T24N R06W	C M 39 58 12	122 33 00	000							1953		52	
A7 3113	FOLSOM DAM	350	SEC 24	T10N R07E	F M 38 42 25	121 09 40	900							1955		34	
A5 3127	FORBESTOWN	2900	SEC 03	T19N R06E	Q M 39 31 43	121 16 52	000							1919		04	
A5 3128-04	FOREMAN CREEK	935	SEC 18	T20N R05E	R M 39 35 13	121 26 52	000							1965		04	
A7 3134	FORESTHILL R S	3190	SEC 35	T14N R10E	C M 39 01 14	120 49 27	900							1937		31	
A4 3135-25	FOREST RANCH	2520	SEC 05	T23N R03E	M 39 53 06	121 39 48	000							1955		04	
A7 3153	FORN RIDGE	7600	SEC 16	T11N R16E	M 38 48 120	13 814								1966		09	
G1 3157	FORT BIDWELL	4498	SEC 17	T46N R16E	M 41 51 00	120 08 00	900							1866	21	25	
A3 3210-03	FOUTS SPGS BOYS RCH	1700	SEC 05	T17N R07W	K M 39 21 06	122 39 54	000							1963		06	
A6 3240	FRENCH CORRAL	1522	SEC 26	T17N R07E	F M 39 18 25	121 09 42	000							1961		29	
A3 3242	FRENCH GULCH	1100	SEC 22	T33N R07W	M 40 42 00	122 38 00	900							1952		45	
A5 3244-32	FRENCHMAN DAM	5610	SEC 33	T24N R16E	B M 39 53 43	120 11 23	000							1964		32	
A7 3252-09	FRESH POND	3760	SEC 33	T11N R13E	C M 38 45 42	120 32 07	440							1962	01	09	
A0 3266-11	FRUITRIDGE & HEDGE	50	SEC 30	T08N R06E	C M 38 31 22	121 21 43	422							1959		34	
A0 3267-02	FRUTO 2	610	SEC 17	T20N R05W	L M 39 35 18	122 27 06	000							1960		11	
BO 3301	GALT	47	SEC 27	T05N R06E	J M 38 15 13	121 18 11	000							1877		34	
BO 3301-01	GALT WATER DISTRICT	47	SEC 27	T05N R06E	J M 38 15 10	121 18 08	412							1959	1967	34	
A7 3338	GARDEN VALLEY 2 S	1940	SEC 03	T11N R10E	G M 38 50 02	120 50 40	900							1946		09	

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INDEX OF CLIMATOLOGICAL STATIONS FOR 1966-67
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Station		Elevation (in feet)	Section	Township	Range	40-Acre Tract Base & Meridian			Latitude	Longitude	Cooperator Number	Cooperator's Index Number	Record Begun	Record Ended	Years Missing	County Code		
Number	Name					0	I	II										
A7 3381	GEORGETOWN	2720	SEC 11	T12N	R10E	D M	38	54	33	120	50	900		1872	1967	09		
A7 3384	GEORGETOWN R S	3001	SEC 06	T12N	R11E	B M	38	55	29	120	47	18	900		1946	09		
A7 3388	GERLE CREEK CAMP	5400	SEC 11	T13N	R14E	L M	38	59	06	120	22	45	000		1945	09		
A2 3405	GIBSON HHS	1435	SEC 02	T36N	R05W	K M	41	00	36	122	24	24	809		1959	45		
G7 3439-26	GLENBROOK NEVADA	6400	SEC 10	T14N	R18E	M	39	05	00	119	56	00	900	263205	1944	62		
A1 3441 02	GLENBURN DWR	3314	SEC 10	T37N	R04E	J M							806		1960	1966	45	
AO 3460	GLENNY COLUSA HDGATE	160	SEC 02	T22N	R02W	H M	39	47	18	122	03	00	000		1955	11		
A7 3491	GOLD RUN	3240	SEC 04	T15N	R10E	M	39	10	00	120	52	00	900		1899	31		
B9 3541	GRAND ISLAND	0000	SEC 14	T04N	R03E	E M	38	11	37	121	36	55	000		1938	34		
A5 3549-32	GRANITE SPRING	5765	SEC 13	T26N	R14E	J M	40	06	23	120	20	34	000		1965	32		
A6 3573	GRASS VALLEY NO. 2	2400	SEC 34	T16N	R08E	F M	39	12	31	121	04	05	900		1966	29		
A5 3621	GREENVILLE R S	3560	SEC 02	T26N	R09E	L M	40	08	26	120	56	25	900		1894	30		
AO 3640	GRIDLEY BUTTE W D	90	SEC 36	T18N	R02E	K M	39	22	00	121	41	42	000		1923	04		
AO 3640-01	GRIDLEY F F S	93	SEC 19	T18N	R03E	M M	39	23	52	121	41	11	808		1941	04		
BL 3649	GRIZZLY FLATS	3855	SEC 15	T09N	R13E	G M	38	38	12	120	31	27	900		1940	09		
G8 3675	GROVER HOT SPRINGS	5800	SEC 19	T10N	R20E	L M	38	41	45	119	49	28	804		1962	02		
A5 3725	HAMILTON BRANCH PH	4560	SEC 21	T28N	R08E	K M	40	16	07	121	05	12	900		1953	32		
AO 3729 48	HAMILTON RANCH	150	SEC 25	T04N	R01E	R M	38	09	30	121	48	22	000		1961	48		
AO 3740	HAMMONTON	131	SEC 32	T16N	R05E	R M	39	11	35	121	25	41	000		1910	58		
A3 3791	HARRISON GULCH R S	2710	SEC 14	T29N	R10W	M M	40	22	00	122	58	00	900		1941	45		
A6 3800	H L ENGLEBRIGHT DAM	580	SEC 14	T16N	R06E	Q M	39	14	23	121	15	58	900	PN9182	1951	29		
A1 3821	HAT CREEK R S	3348	SEC 15	T34N	R04E	M M	40	48	00	121	30	00	900		1940	45		
A1 3824	HAT CREEK PH NO. 1	3015	SEC 32	T36N	R04E	M M	40	56	00	121	33	00	900		1921	45		
A8 3872	H BAR H RANCH	1565	SEC 35	T12N	R07W	F M	38	50	54	122	36	18	000		1949	17		
A7 3891	HELL HOLE	4850	SEC 16	T14N	R14E	P M	39	03	31	120	24	52	900		1966	31		
BO 3919	HERALD F S	70	SEC 08	T05N	R07E	M M	38	17	46	121	14	34	422		1962	34		
G6 3922	HERLONG S O D	4083	SEC 31	T27N	R17E	K M	40	09		120	06		911		1951	18		
A6 3946	HIDDEN VALLEY RANCH	1480	SEC 33	T14N	R08E	B M	39	01	30	121	05	48	900		1952	29		
B2 3952	HIGHLAND LAKES	8700	SEC 32	T08N	R20E	Q M	38	29	48	119	47	48	000	003954	1960	02		
A8 3964	HIGH VLY MITCHELL	1785	SEC 23	T14N	R08W	J M	39	02	47	122	42	28	000		1958	17		
A8 4010	HOBERGS	2960	SEC 35	T12N	R08W	M M	38	51	00	122	43	00	900		1930	17		
B2 4018	HOGAN DAM	554	SEC 36	T04N	R10E	R M	38	09	03	120	49	10	000		1951	05		
A4 4019	HOGBACK ROAD	1320	SEC 05	T27N	R01W	F M	40	13	27	122	00	03	419		1960	52		
B9 4041	HOLT 2 ESE					T01N	R05E	M	37	55	42	121	23	30	000		1959	39
AO 4075	HONCUT	113	SEC 16	T17N	R04E	K M	39	19	40	121	31	36	000		1963	04		
A8 4097	HOPLAND 8 NE	2510	SEC 32	T14N	R10W	M M	39	01	00	123	00	00	900		1939	17		
AO 4166	HUNTER DIST GRAVES	770	SEC 16	T27N	R06W	Q M	40	11	12	122	33	00	900		1959	52		
BO 4183	HUNT RANCH	190	SEC 31	T03N	R10E	M M	38	04	06	120	55	25	000		1933	14		
A3 4219	IGO 2 W	1090	SEC 32	T31N	R06W	C M	40	30	05	122	34	12	000		1956	45		
G7 4233	INDEPENDENCE LAKE	7000	SEC 34	T19N	R15E	M M	39	27		120	18		900		1966	46		
A6 4248-50	INDIAN ROCK	2240	SEC 10	T18N	R07E	B M	39	26	14	120	10	25	000		1954	58		
BO 4283	IONE	284	SEC 25	T06N	R09E	F M	38	20	53	120	56	19	900		1878	04		
BO 4283-01	IONE 2 NW	263	SEC 14	T06N	R09E	N M	38	22	08	120	57	37	000		1949	03		
A7 4288	IOWA HILL	2840	SEC 33	T15N	R10E	M M	39	06	22	120	51	37	900		1879	32		
A2 4296 03	IRON MOUNTAIN NO. 3					SEC 20	T11N	R03E	H M	38	47	12	121	39	18	000		
B9 4319 01	ISLETON	-0001	SEC 26	T04N	R03E	K M	38	09	36	121	36	36	000		1949	1967	34	
B2 4321	JACKSON 1 NW	1550	SEC 20	T06N	R11E	F M	38	21	38	120	47	23	000		1951	03		
G4 4342	JANESVILLE FLETCHER	4225	SEC 09	T28N	R13E	L M	40	17	45	120	31	30	000		1958	18		
A7 4345-09	JAY BIRD PH	3000	SEC 04	T11N	R13E	C M	38	50	02	120	31	50	440		1962			
AO 4346	JELLY	355	SEC 33	T29N	R03W	B M	40	19	48	122	12	12	000		1958	52		
BO 4352	JENNY LIND 3 SW	235	SEC 31	T03N	R10E	A M	38	04	32	120	54	40	000		1960	05		
A1 4374	JESS VALLEY	5290	SEC 06	T39N	R15E	C M	41	13	30	120	19	30	900		1929	25		
A0 4390	JOHNS SCHOOL	60	SEC 22	T13N	R01W	N M	38	57	24	121	58	12	000		1949	06		
AO 4440-50	KAHI RADIO STATION	1420	SEC 33	T13N	R08E	J M	38	55	58	121	05	25	000		1962	31		
AO 4449	KARNAK	23	SEC 20	T11N	R03E	H M	38	47	12	121	39	18	000		1940	51		
A8 4488	KELSEYVILLE	1385	SEC 14	T13N	R09W	M M	38	58	33	122	49	53	900		1931	17		
A8 4491-01	KELSEYVILLE 2 N	1345	SEC 02	T13N	R09W	M M	39	00	06	122	50	06	801		1935	17		
A4 4544	KILARC PH	2650	SEC 33	T33N	R01E	D M	41	00	36	121	52	18	900		1933	45		
A0 4574	KIRKVILLE	35	SEC 12	T12N	R01E	B M	38	54	30	121	48	18	000		1953	51		
BO 4575	KJOY RADIO	18	SEC 11	T01N	R06E	D M	37	57	14	121	17	20	900		1964	39		
A7 4616	KYBURZ STRAWBERRY	5700	SEC 18	T11N	R17E	F M	38	47	43	120	08	44	900		1941	09		
AO 4638	LA FINCA ORCHARD	70	SEC 10	T16N	R03E	R M	39	14	58	121	36	52	000		1931	58		
A8 4701	LAKEFORT	1343	SEC 24	T14N	R10W	M M	39	02		122	55		900		1901	17		
A8 4702	LAKEFORT 3 W	1475	SEC 22	T14N	R10W	L M	39	02	48	122	57	48	000		1932	17		
A8 4703	LAKEFORT USSCS	1356	SEC 24	T14N	R10W	M M	39	02	00	122	55	00	000		1956	17		
A2 4709	LAKESHORE	1075	SEC 24	T35N	R05W	M M	40	53	00	122	23	00	900		1946	45		
A0 4712	LAKE SOLANO	120	SEC 31	T08N	R01W	M M	38	29	35	122	05	15	900		1960	57		
A6 4713	LAKE SPAULDING	5156	SEC 21	T17N	R12E	N M	39	19	07	120	38	14	900		1894	29		
A6 4714	LAKE SPAULDING DAM	5120	SEC 21	T17N	R12E	E M	39	19	32	120	38	28	900		1948	29		
A5 4722	LAKE WILENOR	2040	SEC 15	T22N	R04E	E M	39	45	47	121	31	18	000	044722	1931	04		

TABLE A-1 (Cont.)
INDEX OF CLIMATOLOGICAL STATIONS FOR 1966-67
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Station		Elevation (In Feet)	Section	Township	Range	40-Acre Tract Base & Meridian	Latitude	Longitude	Cooperator's Number	Cooperator's Index Number	Record Begun	Record Ended	Years Missing	County Code
Number	Name													
A0 4730	LAMB VALLEY	365	SEC 34	T10N	R02W	C M 38 40 34	122 04 19	000			1925	07	57	
A5 4773	LA PORTE	4975	SEC 16	T21N	R09E	E M 39 40 56	120 58 58	900			1894	14	32	
A5 4812	LAS PLUMAS	506	SEC 14	T21N	R04E	J M 39 40 32	121 29 13	900			1914	1967	04	
G4 4814-20	LASSEN CONSERV CTR	4100	SEC 04	T29N	R13E	H M 40 24 06	120 30 48				1963	18		
A1 4815	LASSEN CREEK UPPER	6775	SEC 21	T45N	R15E	R M 41 45	120 14 42	000			1958	25		
A8 4880	LEESVILLE KEEGAN RCH	1330	SEC 17	T15N	R05W	C M 39 09 11	122 26 12	900			1950	06		
B1 4886	LEHMAN RANCH	600	SEC 32	T09N	R09E	F M 38 35 31	121 00 43	900			1951	09		
A5 4932	LIGHTS CREEK	5320	SEC 02	T27N	R11E	F M 40 13 48	120 42 30	000			1959	32		
A1 4940-35	LIKELY VANCE	4400	SEC 08	T39N	R13E	K M 41 13 12	120 30 10	000			1962	25		
A0 4947	LINCOLN AUSTIN	160	SEC 15	T12N	R06E	F M 38 53 33	121 17 41	000			1946	31		
A0 4947-06	LINCOLN 4 NE	285	SFC 36	T13N	R06E	J M 38 55 50	121 14 50	000			1962	31		
BO 4953-02	LINDEN FIRE STATION	89	SEC 15	T02N	R08E	K M 38 01 19	121 04 55	000			1948	39		
BO 4960	LINN RANCH	120	SEC 04	T03N	R08E	Q M 38 07 58	121 06 08	000			1948	39		
A5 4977	LITL LAST CHANCE VLY	5730	SEC 05	T24N	R16E	M M 39 57 40	120 13 00	000			1959	32		
A1 4988	LITTLE VALLEY	4185	SEC 15	T35N	R07E	Q M 40 53 30	121 10 30	900			1958	18		
A0 4990-02	LIVE OAK 6 SSW	70	SEC 35	T16N	R02E	C M 39 12 07	121 43 02	000			1958	51		
A0 4990-02	LIVE OAK 2 SE	75	SEC 09	T16N	R03E	L M 39 15 13	121 38 40	000			1965	51		
BO 5010	LOCKEFORD	106	SEC 30	T04N	R08E	N M 38 09 45	121 08 55	000			1926	39		
BO 5012	LOCKEFORD 5 ESE	190	SEC 02	T03N	R08E	B M 38 08 52	121 04 01	000			1937	39		
BO 5032	LODI	38	SEC 11	T03N	R06E	P M 38 06 59	121 17 20	900			1887	39		
BO 5032-04	LODI S P	50	SEC 01	T03N	R06E	L M 38 08 05	121 16 13	000			1959	39		
BO 5032-07	LODI 3 W	31	SEC 04	T03N	R06E	N M 38 07 51	121 19 43	412			1955	39		
BO 5032-09	LODI THOMPSON RANCH	35	SEC 21	T04N	R06E	P M 38 10 32	121 19 42	412			1965	39		
A3 5043	LOG SPRING	5050	SEC 29	T23N	R08W	D M 39 49 36	122 47 29	903			1964	52		
B1 5044	LOGTOWN RIDGE	1720	SEC 23	T09N	R10E	L M 38 37 02	120 50 47	900			1965	09		
A0 5060-01	LOMA RICA	375	SEC 28	T17N	R05E	B M 39 18 27	121 24 56	000			1963	58		
A1 5081 01	LONG BELL STATION	4375	SEC 20	T42N	R05E	B M 41 28 00	121 25 00	000			1958	25		
A7 5087	LONG VALLEY ORCHARD	870	SEC 32	T12N	R08E	G M 38 51	121 05	000			1955	31		
A8 5087-17	LONG VLY GARNER RCH	1318	SEC 06	T14N	R07W	F M 39 05 36	122 40 42	000			1956			
GG 5088	LONG VLY INSP STN	5060	SEC 18	T21N	R18E	E M 39 41 12	120 00 42	900			1958	46		
A1 5093	LOOKOUT 3 WSW	4180	SEC 30	T39N	R07E	M 41 12	121 12	900			1963	25		
A1 5095	LOOKOUT SHAW	4500	SEC 34	T41N	R07E	G M 41 21 00	121 08 42	000			1959	25		
A0 5096	LOOMIS	400	SEC 09	T11N	R07E	G M 38 49 06	121 11 42	000			1959	31		
A0 5097-01	LOOMIS NO. 2													
A0 5097-31	LOOMIS 3 ENE	680	SEC 01	T11N	R07E	H M 38 50 02	121 08 07	000			1964	31		
AO 5131-05	LOS MOLINOS 1 SE	225	SEC 16	T25N	R02W	R M 40 00 48	122 05 00	000			1960	1967	52	
AO 5132	LOS MOLINOS 3 N	245	SEC 33	T26N	R02W	F M 40 03 48	122 06	000			1954	52		
AO 5134	LOS MOLINOS 6 N	255	SEC 16	T26N	R02W	M 40 06	122 06	000			1966	52		
A8 5161-01	LOWER LAKE	1355	SEC 02	T12N	R07W	N M 38 54 48	122 36 29	000			1958	17		
G7 5163	LOWER MEADOW	5760	SEC 25	T20N	R17E	A M 39 33 42	120 01 54	911			1957	46		
A5 5171	LOYALTON	4936	SEC 13	T21N	R15E	A M 39 40 40	120 14 36	900			1940	07	46	
A5 5171-05	LOYALTON NO. 2	4940	SEC 13	T21N	R15E	M 39 40 36	120 14 50	000			1964	46		
B1	LUMBERYARD	6480	SEC 15	T08N	R15E	F M 38 32 55	120 18 24	000			1967	09		
A0 5223	M AND T RANCH	145	SEC 05	T21N	R01E	D M 39 42 30	121 53 48	000			1938	03	04	
G2 5231	MADELINE HMS	5231	SEC 10	T37N	R13E	M M 41 03 20	120 28 18	900			1957	18		
A8 5258	MAHNKE	2380	SEC 30	T12N	R08W	M 38 51 00	122 47 00	900			1954	17		
A4 5299-02	MANTON 6 E	3250	SEC 28	T30N	R02E	B M 40 26 12	121 46 00	000			1958	52		
A4 5311	MANZANITA LAKE	5850	SEC 18	T31N	R04E	M 40 32 00	121 34 00	900			1941	45		
A0 5311-10	MANZANITA F S	87	SEC 07	T17N	R03E	N M 39 20 04	121 40 57	000			1963	51		
G8 5356	MARKELEVILLE	5546	SEC 21	T10N	R20E	Q M 38 41 33	119 46 57	900			1909	02		
BO 5368	MARSHALL RANCH	59	SEC 16	T03N	R07E	P M 38 06 11	121 12 56	412			1925	01	39	
AO 5385	MARYSVILLE	60	SEC 13	T15N	R03E	K M 39 08 46	121 35 04	900			1871	58		
AO 5403	MATHER A F B	90	SEC 11	T08N	R06E	M 38 34 00	121 18 00	902			1944	01	34	
AO 5409 01	MAXWELL	91	SEC 33	T17N	R03W	R M 39 16 36	122 11 12	000			1920	06		
A1 5430-01	MCARTHUR HMS	3300	SEC 01	T37N	R05E	J M 41 04 24	121 19 48	809			1957	45		
A4 5444	MCCARTHY POINT	3800	SEC 19	T27N	R03E	M 40 11 00	121 41 00	900			1945	52		
A0 5447	MC CLFLIAN A F B	70	SEC 01	T09N	R05E	N M 38 39 39	121 23 28	902			1939	34		
A2 5449	MC CLOUD	3300	SEC 01	T39N	R03W	M 41 16 00	122 08 00	900			1909	47		
A1 5505	MEDICINE LAKE	6725	SEC 10	T43N	R03E	C M 41 35 00	121 37 00	900			1946	47		
B8 5508	MEGANOS PUMP STATION	172	SEC 08	T01S	R03E	M M 37 51 28	122 40 22	000			1927	07		
G7 5571	MEYERS 4 SW	6470	SEC 08	T11N	R18E	N M 38 48 27	120 01 08	900			1960	1966	09	
G7 5572	MEYERS INSP STATION	6342	SEC 29	T12N	R18E	P M 38 51 15	120 01 01	900			1955	09		
G7 5573	MEYERS RANGER STN	6342	SEC 29	T12N	R18F	P M 38 51 16	120 00 57	905			1962	09		
A7 5586	MICHIGAN BLUFF	3650	SEC 21	T14N	R11E	J M 39 02 39	120 44 27	900			1940	31		
A9 5598	MIDDLETON	1122	SEC 03	T10N	R07W	M 38 44 53	122 37 05	900			1938	17		
A9 5598-01	MIDDLETON 7 NW	2243	SEC 23	T11N	R08W	A M 38 47 54	122 42 18	000			1959	1967	17	
A9 5599	MIDDLETON 4 WSW	1785	SEC 06	T10N	R07W	Q M 38 44 14	122 40 30	000			1952	17		
G6 5621	MILFORD	4140	SEC 26	T27N	R14E	A M 40 10 30	120 21 48	000			1957	18		
G6 5623	MILFORD LAUFMAN R S	4860	SEC 01	T26N	R14E	F M 40 08 00	120 21 48	000			1940	18		
A0 5640	MILLS ORCHARD	240	SEC 26	T22N	R02W	F M 39 44 18	122 02 30	806			1929	11		

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Station		Elevation (In Feet)	Section	Township	Range	40-Acre Tract		Bose B Meridian	Latitude	Longitude	Cooperator Number	Cooperator's Index Number	Record Began	Record Ended	Years Missing	County Code	
Number	Name					O	I										
BO 5673-02	MILTON	415	SEC 11	TO2N	R10E	N	M	38	02	08	120	51	00	000	265191	1948	05
G8 5678-26	MINDEN NEVADA	4700	SEC 32	T13N	R20E	M	M	38	57	00	119	46	00	900		1905	62
A4 5679	MINERAL	4910	SEC 25	T29N	R03E	M	M	40	21	00	121	36	00	900		1909	52
G7 5720	MITCHELL CANYON	6030	SEC 30	T20N	R18E	C	M	39	34	34	120	01	04	911		1958	46
A5 5752	MOHAWK RANGER STN	4370	SEC 09	T22N	R12E	G	M	39	47	12	120	37	58	905		1957	32
B2 5763	MOKELUMNE HILL	1480	SEC 07	T05N	R12E	M	M	38	18	06	120	42	00	907	045763	1882	05
B2 5763-05	MOKELUMNE HILL 5 E	1920	SEC 11	T05N	R12F	R	M	38	17	45	120	36	55	000		1964	05
VO 5779	MONO LAKE	6450	SEC 30	T02N	R26E	C	M	38	00	29	119	09	05	900		1944	26
AO 5805	MONTEZUMA HILLS	20	SEC 30	T03N	R02E	E	M	38	04	34	121	48	15	000		1923	48
A3 5810	MONTGOMERY PLACE	870	SEC 19	T26N	R06W	R	M	40	05	05	122	34	35	000		1961	52
A9 5818	MONTICELLO DAM	505	SEC 30	T08N	R02W	R	M	38	30	18	122	06	58	900		1957	28
A8 5858-01	MORGAN VLY STANLEY	2415	SEC 13	T12N	R06W	L	M	38	53	10	122	28	30	000		1960	17
B2 5892-05	MOUNTAIN RCH 2 NW	2200	SEC 32	T05N	R13E	L	M	38	14	27	120	34	03	000		1965	05
A7 5909	MOUNT DANAHER	3408	SEC 05	T10N	R12E	R	M	38	44	38	120	40	00	900		1943	09
A5 5956	MT HOUGH SNOWCOURSE	6760	SEC 08	T25N	R10E	J	M	40	02	29	120	52	43	000		1964	32
G7 5975-26	MT ROSE HIGHWAY STN	7360		T17N	R19E	M	M	39	20		119	53	00	900	265445	1960	62
A2 5982	MT SHASTA SLOPE	7500	SEC 30	T41N	R03W	Q	M	41	22	00	122	16	00	900		1947	47
A2 5985	MT SHASTA WBO CITY	3540	SEC 13	T16N	R08E	L	M	39	41	19	122	19	00	900		1948	47
B2 6039-03	MURPHYS 2 N	1880	SEC 30	T04N	R14E	Q	M	38	09	56	120	28	12	000		1957	05
AO 6092	NATOMAS F S 2	17	SEC 35	T10N	R03E	C	M	38	41	07	121	37	26	422		1962	34
AO 6130	NELSON WESTERN CAMP	120	SEC 31	T20N	R02E	A	M	39	33	00	121	47	00	003		1917	06 04
A6 6136	NEVADA CITY	2520	SEC 07	T16N	R09E	P	M	39	15	30	121	00	38	900		1863	29
A6 6136-29	NEVADA CITY R S	2710	SEC 13	T16N	R08E	L	M	39	14	54	121	01	42	808			29
AO 6154	NEWCASTLE FOWLER	250	SEC 17	T12N	R07F	F	M	38	53	31	121	13	12	000		1948	31
AO 6157	NEW ENGLAND ORCHARD	50	SEC 13	T14N	R03E	L	M	39	03	42	121	35	19	000		1959	51
A1 6173-35	NEW PINE CK OREGON	4880	SEC 24	T41S	R20E	W	M	42	00	00	120	18	00	000		1960	61
A3 6178 11	NEWVILLE 1 E	650	SEC 02	T22N	R06W	E	M							806		1959	11
AO 6194	NICOLAUS NO. 2	43	SEC 05	T12N	R04E	A	M	38	55	27	121	32	37	900		1959	51
A3 6212	NOEL SPRING	5000	SEC 05	T19N	R07W	B	M	39	32	16	122	40	03	903		1964	11
AO 6216	NORD	180	SEC 31	T23N	R01E	G	M	39	48	18	121	54	24	000		1944	14 04
A6 6232	NORTH BLOOMFIELD	3280	SEC 06	T17N	R10E	F	M	39	22	05	120	53	54	000		1870	19 29
AO 6271	NORTH SACRAMENTO	26	SEC 04	T09N	R05E	M	M	38	38	48	121	28	30	000		1955	34
A6 6274	NORTH SAN JUAN	2081	SEC 05	T17N	R08E	B	M	39	22	15	121	06	04	000		1897	48 29
A6 6275	NORTH SAN JUAN 4 NE	1815	SEC 22	T18N	R08E	B	M	39	25	11	121	03	52	000		1954	58
A1 6415	OLD STATION	4380	SEC 33	T33N	R05E	M	M	40	40	30	121	25	54	000		1960	45
A5 6452	ONION VALLEY	6530	SEC 05	T22N	R10E	G	M	39	48	00	120	53	06	000		1959	32
A3 6455	ONO	980	SEC 02	T30N	R07W	M	M	40	29	00	122	37	00	900		1951	45
AO 6481	ORANGEVALE	235	SEC 28	T10N	R07E	G	M	38	41	35	121	12	52	000		1958	34
AO 6505	ORLAND FRENCH RANCH	312	SEC 05	T20N	R04W	K	M	39	37	00	122	19	42	000		1959	11
AO 6506	ORLAND	254	SEC 21	T22N	R03W	M	M	39	45	00	122	12	00	900		1883	11
A6 6519	OREGON HOUSE 2 N	1475	SEC 26	T18N	R06E	H	M	39	23	25	121	15	36	000		1958	58
AO 6521	OROVILLE	171	SEC 18	T19N	R04E	H	M	39	30	22	121	33	31	900		1953	04
AO 6525	OROVILLE BRIDGE	165	SEC 18	T19N	R04E	F	M	39	30	27	121	34	02	900		1908	04
A5 6527	OROVILLE DAM	845	SEC 01	T19N	R04E	N	M	39	31	40	121	28	46	000		1959	04
AO 6528	OROVILLE R S	300	SEC 07	T19N	R04E	C	M	39	31	32	121	34	02	900		1940	04
BO 6551-05	OSPITAL RANCH	280	SEC 11	T03N	R09E	R	M	38	07	19	121	56	42	903		1965	05
G6 6562	OTIS CANYON	4075	SEC 03	T26N	R15E	F	M	40	08	24	120	16	42	000		1959	18
A7 6597	PACIFIC HOUSE	3440	SEC 34	T11N	R13E	M	M	38	45	00	120	30	00	900		1941	09
AO 6620	PALERMO	156	SEC 08	T18N	R04E	C	M	39	26	09	121	32	55	907		1891	04
A4 6647-05	PALO CEDRO 2 N	500	SEC 29	T32N	R03W	P	M	40	35	36	122	13	54	000		1963	45
A4 6685	PARADISE	1780	SEC 15	T22N	R03E	R	M	39	46	121	38	00	900		1925	04	
A5 6697-04	PARISH CAMP	950	SEC 18	T21N	R04E	H	M	39	40	39	121	33	49	000		1965	04
AO 6726	PASKENTA R S	755	SEC 04	T23N	R06W	M	M	39	53	00	122	32	00	900		1938	52
A1 6750	PATTERSON MEADOW	7000	SEC 29	T39N	R16E	M	M	41	11	00	120	12	00	000		1958	25
A4 6761	PAYNES CREEK	1850	SEC 25	T29N	R01W	M	M	40	20	00	121	54	00	900		1951	52
A7 6773-09	PEAVINE RIDGE	5175	SEC 17	T11N	R14E	L	M	38	47	55	120	26	00	440		1962	09
A6 6797	PENN VALLEY	1362	SEC 33	T16N	R07E	C	M	39	12	31	121	11	50	000		1958	1967 01 29
A1 6803	PEPPERDINES CAMP	6650	SEC 28	T42N	R15E	F	M	41	26	30	120	14	00	000		1958	25
AO 6849-11	PHELAN PARROTT RCH	120	SEC 01	T21N	R01W	E	M	38	42	24	121	56	06	000		1924	04
AO 6854-34	PHOENIX FIELD	270	SEC 09	T09N	R07E	C	M	38	39	19	121	13	05	422		1964	34
B1 6898	PINE GROVE CONS CAMP	2350	SEC 34	T07N	R12E	Q	M	38	24	46	120	38	21	808		1960	03
A1 6946	PIT RIVER PH NO. 5	1458	SEC 09	T36N	R01W	M	M	40	59	00	121	59	00	900		1944	45
B8 6949	PITTSBURG DOW CHEM	14	SEC 15	T02N	R01E	D	M	38	01	26	121	51	20	000		1947	07
A1 6952-02	PITTMVILLE 3 SE	3500	SEC 29	T37N	R06E	B	M	41	01	00	121	18	00	000		1958	18
A7 6960	PLACERVILLE	1890	SEC 07	T10N	R11E	R	M	38	43	45	120	47	51	900		1874	09
A7 6962	PLACERVILLE I F G	2755	SEC 10	T10N	R11E	A	M	38	44	24	120	44	28	900		1929	09
A7 6964	PLACERVILLE DISP PLT	1546	SEC 11	T10N	R10E	P	M	38	43	56	120	50	44	900		1963	09
AO 6966-02	PLAINFIELD 1 E	59	SEC 30	T09N	R02E	R	M	38	35	36	121	47	05	000		1957	57
AO 6966-05	PLAINFIELD 2 NNW	68	SEC 24	T09N	R01E	D	M	38	37	08	121	49	00	000		1938	57
AO 6968	PLAINFIELD 1 NNW	65	SEC 25	T09N	R01E	H	M	38	35	53	121	48	21	000		1957	57

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Station		Elevation (in Feet)	Section	Township	Range	40-Acre Tract Base & Meridian			Latitude	Longitude	Cooperator Number	Cooperator's Index Number	Record Began	Record Ended	Years Missing	County Code
Number	Name					0	I	II	0	I	II					
A3 6976-10	PLATINA	2260	SEC 16	T29N	R09W	M 40	22		122 53	900			1962		45	
A3 6976-35	PLATINA BURCH	2300	SEC 17	T29N	R09W	R M	40	21 42	122 53	18 000			1962		45	
A9 6977	PLEASANTS VALLEY	250	SEC 11	T07N	R02W	M	38	28 05	122 02	35 000			1949		48	
A5 6998	PLUMAS EUREKA S P	5165	SEC 24	T22N	R11E	E M	39	45 25	120 41	52 900			1961		32	
B1 7000-01	PLYMOUTH 3 NE	1485	SEC 31	T08N	R11E	E M	38	30 20	120 48	45 000			1954		03	
B1 7000-03	PLYMOUTH 6 WNW	445	SEC 25	T02N	R09E	Q M	38	31 02	120 55	56 000			1951		03	
A5 7085	PORTOLA	4838	SEC 01	T22N	R13E	D M	39	48 17	120 28	16 900			1914		32	
B2 7136	PRESTON SCHOOL	350	SEC 24	T06N	R09E	G M	38	21 48	120 56	12 412			1955		03	
A5 7195	QUINCY RANGER STN	3409	SEC 14	T24N	R09E	Q M	39	56 18	120 56	27 900			1895		32	
A6 7215	RACKERBY	1400	SEC 08	T18N	R06E	D M	39	26 13	121 19	47 000			1963		04	
B2 7221-21	RAILROAD FLAT	2540	SEC 09	T05N	R13E	G M	38	18 18	120 32	36 000			1948		05	
B2 7221-22	RAILROAD FLAT ADR	2720	SEC 04	T05N	R13E	M				903			1965		05	
AO 7247-01	RANCHO CORDOVA F S	93	SEC 35	T09N	R06E	E M	38	35 36	121 17	38 422			1960		34	
G2 7261	RAVENDALE JIM MARR	5540	SEC 30	T35N	R17E	D M	40	52 30	120 06	00 000	PN7259		1952		18	
G2 7261-01	RAVENDALE HARRY MARR	5340	SEC 06	T35N	R15E	R M	40	55 30	120 19	00 000			1953	1967 03	18	
G2 7261-04	RAVENDALE 5 ESE	5350	SEC 21	T34N	R15E	R M	40	47	120 16	30 000			1959		18	
AO 7291-04	RED BLUFF 5 E	277	SEC 30	T27N	R02W	D M	40	10 12	122 08	18 806			1959	1966	52	
AO 7291-06	RED BLUFF OWENS RCH	595	SEC 22	T27N	R05W	N M	40	10 36	122 25	12 000			1959		52	
AO 7291-12	RED BLUFF 8 S	333	SEC 31	T26N	R03W	N M	40	03 24	122 15	18 000			1959		52	
AO 7292	RED BLUFF WB AP	341		T27N	R03W	M	40	09 00	122 15	00 900			1939		52	
AO 7295	REDDING 1 SE	470					40	34 00	122 23	00 900			1958		45	
AO 7296	REDDING F S NO. 2	577	SEC 35	T32N	R05W	M	40	35 00	122 24	00 900			1875		45	
AO 7300-03	REDDING CLEAR CREEK	450	SEC 25	T31N	R05W	E M	40	30 00	122 24	00 000			1956		45	
G7 7365-26	RENO	4397					M	39 30 00	119 47 00	900 266779			1870		62	
A7 7370	REPRESA	295	SEC 25	T10N	R07E	F M	38	41 36	121 09	39 900			1893		34	
AO 7390	RICE EXPERIMENT STN	96	SEC 34	T19N	R02E	B M	39	27 49	121 44	00 906			1913		04	
AO 7422-04	RICHVALE	103	SEC 16	T19N	R02E	R M	39	29 42	121 44	46 000			1963		04	
B9 7446	RIO VISTA	20	SEC 31	T04N	R03E	M	38	08 40	121 41	28 900			1907		48	
AO 7446-01	RIO VISTA 1 NW	85	SEC 24	T04N	R02E	P M	38	10 30	121 42	36 000			1956		48	
B9 7446-02	RIO VISTA 4 NW	63	SEC 16	T04N	R02E	H M	38	11 32	121 45	02 000			1949		48	
AO 7446-04	RIO VISTA 5 W	145	SEC 29	T04N	R02E	Q M	38	09 23	121 46	34 000			1965		48	
B1 7464	RIVER PINES	2015	SEC 15	T08N	R11E	J M	38	32 46	120 44	39 000			1950		03	
AO 7487	ROBBINS	20	SEC 24	T12N	R02E	P M	38	52	121 43				1926		51	
A7 7489	ROBBS PEAK PH	5120	SEC 11	T12N	R14E	G M	38	54 07	120 22	28 900			1965		09	
A7 7492	ROBERTSON FLAT	6740	SEC 11	T15N	R13E	N M	39	09 26	120 30	06 000			1946		31	
AO 7516	ROCKLIN	239	SEC 19	T11N	R07E	C M	38	47 36	121 14	30 900			1869		31	
AO 7517	ROCKLIN 1 SE	300	SEC 20	T11N	R07E	M	38	46 48	121 13	12 000			1954		31	
AO 7564	ROSEVILLE CRABB	155	SEC 11	T10N	R06E	F M	38	44 16	121 17	03 000			1963		31	
AO 7564-04	ROSEVILLE 6 W	108	SEC 12	T10N	R05E	M				000			1965		31	
AO 7568-02	ROSEWOOD CAPEHART	650	SEC 14	T28N	R06W	K M	40	16 48	122 30	30 419			1960		52	
A2 7580	ROUND MTN 1 NNE	2120	SEC 23	T34N	R01W	M	40	49 00	121 56	00 900			1951		45	
A8 7591-05	RUMSEY 1 NW	460	SEC 12	T12N	R04W	K M	38	54 03	122 14	55 000			1928		57	
A6 7603-05	RUSSELL RANCH	2400	SEC 19	T19N	R06E	J M	38	29 19	121 20	10 000			1963		04	
AO 7630	SACRAMENTO WB AP	17	SEC 25	T08N	R04E	M	38	31 00	121 30	00 900			1936		34	
AO 7633	SACRAMENTO WB CITY	25	SEC 01	T08N	R04E	C M	38	35 00	121 29	00 900			1849		34	
BO 7633-34	SAC COUNTY BOYS RCH	190	SEC 18	T08N	R08E	A M	38	33 14	121 08	02 422			1962		34	
AO 7633-53	SACRAMENTO HUFFMAN	30	SEC 16	T08N	R05E	M	38	33 12	121 26	36 000			1959		34	
AO 7633-55	SACRAMENTO 3 SSW									000					34	
AO 7633-56	SACRAMENTO 6 S	14	SEC 02	T07N	R04E	H M	38	29 30	121 30	09 000			1963		34	
AO 7633-57	SACRAMENTO 5 SSE	25	SEC 29	T08N	R05E	L M	38	30 52	121 27	20 000			1965		34	
AO 7635	SACRAMENTO REFUGE	95	SEC 10	T18N	R03W	F M	39	25 48	122 11	06 000			1958		11	
A3 7637	SADDLE CAMP R S	3850	SEC 30	T27N	R08E	M	40	10 00	122 48	00 900			1945		52	
G7 7641	SAGEHEN CREEK	6337	SEC 07	T18N	R16E	B M	39	25 53	120 14	25 900			1953		29	
A9 7649	SAINT HELENA 7 NE	1050	SEC 12	T07N	R05W	M	38	34 00	122 22	00 900			1940		28	
B2 7689	SALT SPRINGS PH	3700	SEC 33	T08N	R16E	N M	38	29 50	120 12	59 900			1928		03	
B2 7701	SAN ANDREAS	1120	SEC 17	T04N	R12E	N M	38	11 33	120 40	55 000	047701		1924	02	05	
B2 7702	SAN ANDREAS 2 S	830	SEC 29	T04N	R12E	Q M	38	09 50	120 40	18 900			1924		05	
B2 7705	SAN ANDREAS R S	1100	SEC 20	T04N	R12E	A M	38	11 32	120 40	10 808	047705		1953		05	
A5 8012-40	SATTLEY 1 NW	4960	SEC 32	T21N	R14E	G M	39	37 43	120 26	03 000			1961	1967	46	
G4 8074	SECRET VALLEY	4435	SEC 27	T31N	R15E	B M	40	31 24	120 16	00 000			1962		18	
G7 8082	SECOND SUMMIT	6460	SEC 03	T19N	R17E	H M	39	31 43	120 03	58 911			1958		46	
A6 8112-29	SHADY CREEK	2010	SEC 17	T17N	R08E	P M	39	19 47	121 06	25 000			1963		29	
A2 8135	SHASTA DAM	1076	SEC 15	T33N	R05W	M	40	43 00	122 25	00 900			1942		45	
B2 8145	SHEEP RANCH	2350	SEC 08	T04N	R14E	N M	38	12 35	120 27	47 903	PN8150		1937		05	
B1 8173	SHINGLE SPRINGS	1375	SEC 06	T09N	R10E	A M	38	40 07	120 54	41 900			1943		09	
A4 8175	SHINGLETOWN 2 E	3540	SEC 34	T31N	R01E	K M	40	29 42	121 50	48 900			1958		45	
A6 8207	SIERRA CITY	4170	SEC 28	T20N	R12E	Q M	39	33 55	120 37	45 900			1948		46	
A5 8218	SIERRAVILLE R S	4975	SEC 13	T20N	R14E	K M	39	35 00	120 22	07 900			1909		46	
BO 8293-01	SLOUGHHOUSE 1 SW	123	SEC 04	T07N	R07E	Q M	38	29 01	121 12	34 000			1950	01	34	
B1 8295	SLY PARK	3530	SEC 17	T10N	R13E	L M	38	43 00	120 33	47 907			1955		09	

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Station		Elevation (in feet)	Section	Township	Range	40-Acre Tract Base & Meridian	Latitude	Longitude	Operator Number	Operator's Index Number	Record Began	Record Ended	Years Missing	County Code
Number	Name					O I II	O I II							
A0 8300	SMARTSVILLE	800	SEC 34	T16N	R06E	F M 39 12 08	121 17 15	808	1872	1966	80	58		
G9 8305-26	SMITH 1 N NEVADA	4800	SEC 26	T11N	R23E	M 38 49 00	119 24 00	900	267609	1908	1966	62		
B0 8322	SNOW RANCH	240	SEC 12	T01N	R10E	Q M 37 56 47	120 49 16	000			1934	50		
A6 8332	SODA SPRINGS 1 E	6885	SEC 23	T17N	R14E	G M 39 19 33	120 22 00	900	PN8320	1946		05	29	
BI 8344-09	SOMERSET 5 ESE	3160	SEC 24	T09N	R12E	G M 38 37 13	120 35 54	000			1964		09	
G9 8355	SONORA JUNCTION	6886	SEC 21	T06N	R23E	J M 38 21 04	119 26 54	900			1959	26		
G7 8474	SQUAW VALLEY	6235	SEC 31	T16N	R16E	A M 39 11 48	120 14 12	900			1955	31		
G6 8483	STACY	4020	SEC 20	T28N	R17E	L M 40 16 00	120 05 00	000			1963			
G4 8487	STANDISH 1 E	4030	SEC 16	T29N	R14E	J M 40 22 00	120 24 00	900			1958	18		
A5 8544	STIRLING CITY R S	3518	SEC 28	T24N	R04E	K M 39 54 17	121 31 38	900			1903		04	
B9 8554	STOCKTON DISP PLT	11	SEC 16	T01N	R06E	E M 37 56 09	121 19 41	900			1938	39		
BO 8558	STOCKTON WBAP	22		T01N	R07E	M 37 54 00	121 15 00	900			1948	39		
BO 8560	STOCKTON FIRE STN 4	12	SEC 21	T02N	R06E	R M 38 00 01	121 18 59	900			1867	39		
A0 8576	STONE VALLEY	540	SEC 26	T21N	R05W	F M 39 39	122 23 42	000			1930		11	
A3 8578	STONYFORD COOLEY RCH	3020	SEC 08	T16N	R07W	H M 39 15 18	122 39 30	900	PN1983	1935		06		
A3 8580	STONYFORD R S	1168	SEC 29	T18N	R06W	M 39 23 00	122 32 45	900			1918	06		
A3 8587	STONY GORGE RES	770	SEC 16	T20N	R06W	M 39 35 00	122 32 00	900			1926	11		
A2 8591	STOUTS MEADOW	5300	SEC 01	T38N	R01W	B M 41 10 00	121 56 00	900			1946	45		
A6 8606	STRAWBERRY VALLEY	3808	SEC 29	T20N	R08E	L M 39 33 48	121 06 32	900			1935	58		
G4 8702	SUSANVILLE AIRPORT	4148	SEC 13	T29N	R12E	B M 40 23 00	120 33 00	900			1931	18		
G4 8703	SUSANVILLE 1 WNW	4555	SEC 31	T30N	R12E	M 40 26 00	120 40 00	900			1952	18		
G4 8704	SUSANVILLE COURTHSE	4325	SEC 32	T30N	R12E	E M 40 25	120 39 42	000			1932	18		
AO 8710	SUTTER CITY	46	SEC 21	T15N	R02E	A M 39 08 30	121 44 48	000			1931	51		
AO 8710-05	SUTTER RANCH	60	SEC 09	T15N	R03E	R M 39 09 33	121 38 07	000			1950	51		
B2 8713	SUTTER HILL R S	1586	SEC 18	T06N	R11E	A M 38 22 39	120 48 03	900			1943	03		
A5 8716	SWAIN MOUNTAIN	6160	SEC 20	T30N	R08E	J M 40 26 40	121 06 00	000			1957	32		
A1 8718	SWEAERT FLAT	6000	SEC 11	T39N	R10E	F M 41 14	120 47 30	000			1958	25		
G7 8758	TAHOE CITY	6230	SEC 07	T15N	R17E	B M 39 09 59	120 08 27	900			1909	31		
G7 8760	TAHOE VISTA	6310	SEC 11	T16N	R17E	R M 39 14 47	120 03 03	000			1963	31		
A7 8771	TALBOT CAMP	6000	SEC 02	T15N	R14E	Q M 39 12 15	120 22 11	000			1948	31		
A5 8793	TAYLORSVILLE	3545	SEC 34	T26N	R10E	A M 40 04 28	120 50 18	000			1955	1967	32	
G2 8872	TERMO 6 SW	5320	SEC 13	T34N	R12E	H M 40 48 42	120 33 36	000			1958	18		
G2 8873	TERMO	5300	SEC 25	T35N	R13E	M M 40 52 00	120 27 00	900			1927	17	18	
A7 8881	THE CEDARS	5900	SEC 13	T16N	R14E	L M 39 15 00	120 21 12	000			1945	31		
AO 8894-04	ATHERMALITO AFTERBAY	141	SEC 07	T19N	R03E	N M 39 30 32	121 41 00	000			1965	04		
B9 8902-39	THORNTON 3 SSE	10	SEC 23	T04N	R05E	L M 38 10 54	121 24 00	806			1961	39		
A5 8909	THREEMILE VALLEY	5900	SEC 36	T24N	R12E	A M 39 54 05	120 34 15	000			1959	32		
B2 8928	TIGER CREEK PH	2355	SEC 24	T07N	R13E	G M 38 26 58	120 29 28	900			1907	03		
AO 8933	TISDALE WEIR	40	SEC 36	T14N	R01E	E M 39 01 18	121 49 12	000			1948	05	51	
AO 8933-01	TISDALE BYPASS	30	SEC 30	T14N	R02E	R M 39 01 42	121 46 48	000			1946	51		
A7 8945	TODD VALLEY	2685	SEC 03	T13N	R10E	N M 38 59 53	120 50 57	000			1961	31		
G9 8970	TOPAZ LAKE	5044	SEC 27	T10N	R22E	K M 38 40 55	119 32 52	000			1955	04	26	
G9 8970-26	TOPAZ LAKE NEVADA	5020	SEC 27	T10N	R22E	N M 38 46 42	119 30 40	900	268186	1957	62			
AO 8984-34	TWN & CNTRY MITCHELL	50	SEC 26	T09N	R05E	E M 38 36 25	121 24 18	000			1960	34		
B9 8995	TRACY FIRE STATION	53	SEC 28	T02S	R05E	C M 37 44 14	121 25 30	000			1960	39		
B9 8995-01	TRACY S P	50	SEC 27	T02S	R05E	D M 37 44 18	121 24 48	000			1878	39		
B9 8997	TRACY 2 SSE	108	SEC 03	T03S	R05E	C M 37 42 32	121 24 37	900			1951	39		
B9 8999	TRACY CARBONA	137	SEC 10	T03S	R05E	D M 37 41 45	121 24 49	900			1934	39		
B9 9001	TRACY PUMPING PLANT	SEC 31	T01S	R04E		37 48 00	121 35 00							
A3 9037	TROUGH SPRING	4000	SEC 28	T17N	R07W	L M 39 17 48	122 39 11	903			1964	06		
G7 9043	TRUCKEE RANGER STN	5995	SEC 10	T17N	R16E	P M 39 19 48	120 11 20	900			1870	29		
A2 9083	TURNTABLE CREEK	1067	SEC 27	T34N	R04W	M 40 46 00	122 18 00	900			1947	45		
A5 9095	TWAIN	2840	SEC 22	T25N	R08E	B M 40 01 11	121 04 14	000			1963	32		
A4 9098	TWENTY MILE HOLLOW	2800	SEC 07	T26N	R02E	F M 40 07 33	121 48 12	000			1960	52		
A7 9105	TWIN LAKES	7829	SEC 18	T10N	R18E	Q M 38 42 22	120 02 27	900			1919	02		
B9 9135 39	UNION ISLAND	-0006	SEC 14	T01S	R04E	N M 37 50 29	121 30 42	000			1929	39		
A7 9143	UNION VALLEY	4785	SEC 29	T12N	R14E	C M 38 51 45	120 26 23	400			1963	09		
A8 9167	UPPER LAKE 7 W	1520	SEC 02	T15N	R11W	M 39 11 00	123 02 00	900			1939	17		
A8 9173	UPPER LAKE R S	1347	SEC 07	T15N	R09W	M 39 10 00	122 55 00	900			1886	17		
AO 9200	VACAVILLE	175	SEC 17	T06N	R01W	M 38 22 00	122 00 00	900			1880	48		
B2 9235	VALLEY SPRINGS	695	SEC 24	T04N	R10E	D M 38 11 34	120 49 49	000			1888	08	05	
BO 9237	VALLEY SPRINGS 6 SW	360	SEC 08	T03N	R10E	C M 38 07 58	120 54 08	000			1951	05		
AO 9307	VERONA	43	SEC 24	T11N	R03E	D M 38 47 27	121 35 45	000			1948	51		
AO 9339-02	VINA 1 NE	235	SEC 12	T24N	R02W	K M 39 56 54	122 02 06	000			1945	52		
AO 9342	VINA MONASTERY	202	SEC 14	T24N	R02W	E M 39 56 18	122 03 42	000			1917	07	52	
A5 9351	VINTON	4945	SEC 28	T23N	R16E	G M 39 49 08	120 11 19	900	268761	1941	32			
G8 9360-26	VIRGINIA CITY NEVADA										62			
A7 9382	VOLCANOVILLE	3036	SEC 18	T13N	R11E	M 38 59 00	120 47 00	900			1953	1966	09	
A2 9386	VOLLMERS	1360	SEC 34	T36N	R05W	M 40 57 00	122 26 00	900			1937	45		
A4 9390	VOLTA PH	2200	SEC 16	T30N	R01E	M 40 27 00	121 52 00	900			1919	45		

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Number	Name					O	I								
BO 9418	WALLACE 1 SE	214	SEC 22	T04N	R09E	J M	38	10	53	120 57 45	900	1926		05	
BR 9428	WALNUT GROVE	20	SEC 35	T05N	R04E	M M	38	14	16	121 31 00	422	1953		02	34
BR 9429	WALNUT GROVE LEARY	2	SEC 22	T05N	R04E	M M	38	16	06	121 32 12	801	1941			34
A6 9454-29	WASHINGTON RIDGE	3800	SEC 26	T17N	R09E	K M	39	18	18	120 56 03	808	1962			29
A6 9455	WASHINGTON	2680	SEC 12	T17N	R10E	B M	39	21	27	120 47 55	000	1962			29
A6 9503	WEIMAR 1 W	1980	SEC 20	T14N	R09E	Q M	39	02	36	120 59 48	000	1959			31
AO 9514-26	WELLINGTON R S NEV	4800	SEC 02	T10N	R23E	M M	38	45	00	119 23 00	900	268977	1942		62
GG 9526	WENDEL 10 SE	4035	SEC 20	T28N	R17E	H M	40	16	00	120 04 24	900	1957			18
GG 9526-01	WENDEL 1 E	4040	SEC 29	T29N	R16E	H M	40	21		120 12 30	000	1958			18
AO 9528	WERNER RANCH	1190	SEC 21	T12N	R08E	D M	38	53		121 06 00	000	1934			31
AO 9530	WEST ACRES	15	SEC 33	T09N	R04E	Q M	38	34	36	121 32 12	000	1959			57
AO 9546	WEST CARMICHAEL	90	SEC 43	T09N	R06E	M M	38	36	00	121 21 00	000	1959			34
B2 9583	WEST POINT 3 SW	2365	SEC 17	T06N	R13E	C M	38	22	46	120 34 13	900	1949			05
AT 9597	WESTVILLE	5290	SEC 05	T15N	R12E	J M	39	10	30	120 39 08	000	1948			31
AS 9599	WESTWOOD	5080	SEC 07	T28N	R09E	H M	40	18	02	121 00 18	000	1921	07	18	
AO 9605	WHEATLAND 2 NE	105	SEC 35	T14N	R05E	D M	39	01	40	121 23 24	900	1940			58
AO 9606	WHEATLAND CALPACK	77	SEC 08	T13N	R05E	L M	38	59	24	121 26 34	000	1934			51
AS 9621	WHISKEYTOWN RES	1310	SEC 22	T32N	R06W	M M	40	37		122 32 00	900	1959			45
BO 9639	WHITE ROCK	353	SEC 10	T08N	R08E	H M	38	33	50	121, 04 47	900	1924			34
AO 9677	WILLIAMS	90	SEC 13	T15N	R03W	M M	39	09	00	122 09 00	900	1876			06
G4 9690-31	WILLOW CR MURRER RCH	4930	SEC 07	T31N	R12E	L M	40	34	00	120 40 00	000	1958			18
AI 9696	WILLOW RANCH	4750	SEC 21	T47N	R14E	G M	41	54	08	120 21 20	000	1957			25
AO 9699	WILLOWS	140	SEC 09	T19N	R03W	M M	39	32	00	122 12 00	900	1879			11
AO 9699-01	WILLOWS 3 W	161	SEC 12	T19N	R04W	J M	39	30	54	122 15 00	000	1952			11
B2 9710	WILSEYVILLE SCHAADS	2800	SEC 09	T06N	R14E	E M	38	23	18	120 26 41	412	1963			05
AO 9742	WINTERS	135	SEC 22	T08N	R01W	M M	38	31	20	121 58 08	900	1942			57
AS 9742-04	WINTERS SCOTT RANCH	320	SEC 26	T09N	R02W	J M	38	35	54	122 02 36	000	1949			57
AO 9742-05	WINTERS UDELL RANCH	140	SEC 10	T07N	R01W	E M	38	28	06	121 57 30	000	1934			48
AO 9742-12	WINTERS 3 NE	116	SEC 13	T08N	R01W	F M	38	32	26	121 55 29	000	1926			57
AO 9742-13	WINTERS 4 N	177	SEC 33	T09N	R01W	G M	38	35	08	121 58 33	000	1951			57
AO 9742-16	WINTERS LEWIS RANCH	99	SEC 20	T08N	R01E	M M	38	31	28	121 53 27	000	1928			
AO 9745	WINTERS WOLFSKILL RCH	137	SEC 33	T08N	R01W	B M	38	30		121 58 06	801	1937			48
AG 9764	WOLF MOUNTAIN	2631	SEC 21	T15N	R08E	E M	39	07	48	121 06 00	000	1962			29
GG 9775	WOODFORDS	5671	SEC 35	T11N	R19E	E M	38	46	34	119 49 27	900	1937			02
AO 9781	WOODLAND 1 WNW	69	SEC 30	T10N	R02E	L M	38	41	00	121 47 36	900	1873			57
AO 9781-02	WOODLAND 1 SSW	65	SEC 32	T10N	R02E	K M	38	40	06	121 46 18	000	1933	10	57	
AO 9781-03	WOODLAND STODDARD RCH	103	SEC 20	T09N	R01E	A M	38	37	06	121 52 35	000	1917			57
AO 9781-95	WOODLAND HOLLAND RCH	122	SEC 13	T09N	R01W	R M	38	37	15	121 55 00	000	1943			57
AO 9783	WOODLAND 3 W	95	SEC 26	T10N	R01E	L M	38	40	57	121 50 00	000	1957			57
AO 9783-01	WOODLAND RUMSEY RCH	93	SEC 26	T10N	R01E	P M	38	40	54	121 49 48	000	1940			57
A5 9786-02	WOODLEAF OROLEV	3340	SEC 03	T19N	R07E	P M	39	31	40	121 10 44	000	1960			04
A7 9816	WRIGHTS LAKE	6950	SEC 32	T12N	R16E	J M	38	50	30	120 14 02	900	1946			09
A7 9818	WRIGHTS L SNOW CRS	7600	SEC 16	T11N	R16E	M M	38	48		120 13 814		1965			09
AO 9837-03	YOLO 2 NE	52	SEC 29	T11N	R02E	N M	38	45	53	121 46 58	000	1949			57
AO 9837-05	YOLO 3 NNE	52	SEC 30	T11N	R02E	C M	38	46	43	121 47 38	000	1950			57
AO 9837-07	YOLO 3 N	45	SEC 19	T11N	R02E	N M	38	46	46	121 47 56	000	1962			57
BO 9859	YOUNGSTOWN	65	SEC 20	T04N	R07E	N M	38	10	36	121 14 29	412	1938			39
AO 9871	YUBA CITY	60	SEC 23	T15N	R03E	Q M	39	07	47	121 36 19	000	1958			51
AO 9871-02	YUBA CITY 7 W	42	SEC 21	T15N	R02E	R M	39	07	42	121 44 54	806	1959	1966	51	
AO 9871-96	YUBA CITY 4 S	50	SEC 02	T14N	R03E	Q M	39	05	12	121 36 18	000	1965			51

TABLE A-2 PRECIPITATION DATA

The definition of terms and the abbreviations used in connection with Table A-2 are as follows:

- NR - No record or record incomplete.
- * - Included in following measurement.
- T - Trace.
- RB - Record began.
- RE - Record ended.

TABLE A-2 (Cont.)
PRECIPITATION DATA

Station Name	1966											1967						Total Oct. 1 To Sept. 30
	Total July 1 To June 30	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.		
SACRAMENTO RIVER BASIN																		
Aerojet AO	31.40	0.03	0	0	0.23	0	0	7.43	4.15	7.53	0.64	5.00	5.53	0.33	0.76	0	T	
Anderson 4 E	30.89	0.04	0	0	0.02	0	0	RE	6.53	4.40	8.01	0.75	4.15	4.65	0	2.40	0	30.89
Arbuckle 5 SSW	23.51	0.04	0	0	0.02	0	0	RE	5.84	2.99	7.42	0.39	3.13	3.23	0.15	0.30	0	23.45
Arden & Mission Arden Park Bailey	28.17	0.04	0	0	0	0	0	RE	5.59	3.47	8.66	0.42	4.07	4.08	0.29	0.55	0	28.20
Black Butte Ranch	22.16	0	0.11	0.03	0	0	0	RE	6.10	2.71	5.73	0.39	2.57	2.99	0.06	1.47	0.01	22.08
Browns Valley 2 NE Central Valley Burns Chico Expt Sta. Chico Airport	38.47	0	0.11	0.03	0	0	0	NR	10.53	4.17	10.03	0.67	4.98	6.08	0.33	1.68	0	38.49
Circle T Ranch	35.21	0	0.11	0.03	0	0	0	NR	14.36	12.47	16.35	0.96	8.53	9.05	0.76	1.78	0.01	64.34
Citrus Heights FS	32.13	0.08	0	0.05	0	0	0	NR	8.50	4.83	10.31	0.60	4.09	5.35	0.44	1.24	0.02	35.27
Citrus Valley Mudd Club Ranch	32.47	0.04	0	0.04	0	0	0	NR	0.02	0.02	0	0.74	0.75	0.93	NR	NR	0.03	NR
Coleman Fish Hatch. Coon Creek Exp Plot Corning Jobe	32.06	0	0.10	0.23	0	0	0	RE	8.69	5.81	12.81	0.45	6.69	4.57	0	1.88	0	40.90
Corning Houghton Rch Cottonwood 7 W Country Club Centre Dan Best Ranch Dantonini Orchard	22.91	0.13	0	0.07	0	0	0	RE	8.04	4.10	8.95	0.58	4.85	4.50	0.35	0.63	0.02	32.06
Davis 2 WSW Davis State Nursery Davis 3 S Davis UCAP Davis 2 NW	27.79	0	0.15	0.05	0	0	0	RE	9.65	4.40	9.60	0.50	4.69	4.46	0.25	0.53	0	32.39
Dewey & Winding Way Dixon 6 E Dufour Dunnigan Dunnigan Powers R. Durham FS	26.39	0.04	0	0.03	0	0	0	RE	0.06	0	6.12	3.98	7.94	7.07	0.75	3.93	0.02	27.43
	32.48	0.05	0	0.03	0	0	0	RE	0.11	0.03	0	6.08	3.76	7.85	0.58	3.80	4.48	0.05
	24.52	0.05	0	0.03	0	0	0	RE	0.16	0.02	0	6.05	4.08	8.21	0.76	3.97	4.18	0.04
	24.77	0	0.09	0	0	0	0	RE	0.13	0.01	0.06	0.41	3.55	7.71	0.72	3.70	0	28.38
	26.07	0.03	0	0	0	0	0	NR	0.02	0.02	0	0.20	0	0	0	0	0	26.32
	27.64	0.13	0.01	0.06	0	0	0	RE	0.05	0.05	0	0.41	3.55	7.71	0.72	3.70	0	32.40
	24.52	0.05	0	0.03	0	0	0	RE	0.16	0.02	0	6.82	3.47	7.81	0.04	4.04	4.09	0
	24.77	0	0.09	0	0	0	0	RE	0.16	0.02	0	8.07	4.28	9.89	0.52	5.07	4.09	0
	26.07	0.03	0	0	0	0	0	NR	0.02	0.02	0	5.33	3.37	7.19	0.50	3.25	4.99	0.01
	27.64	0.13	0.01	0.06	0	0	0	RE	0.05	0.05	0	5.46	3.46	7.26	0.70	3.39	4.30	0
	24.52	0	0.09	0	0	0	0	RE	0.16	0.02	0	4.91	4.91	6.68	0	4.48	1.15	0
	24.77	0	0.09	0	0	0	0	RE	0.16	0.02	0	5.33	3.37	7.19	0.50	3.25	4.99	0.01
	26.07	0.03	0	0	0	0	0	NR	0.02	0.02	0	0.20	0	0	0.19	0.95	0.10	26.16
	27.64	0.13	0.01	0.06	0	0	0	RE	0.05	0.05	0	0.41	3.55	7.71	0.72	3.70	0	30.22

TABLE A-2 (Cont.)
PRECIPITATION DATA

Station Name	Total July 1 To June 30		1966												1967												Total Oct. 1 To Sept. 30		
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.														
SACRAMENTO RIVER BASIN																													
Elkhorn Ferry	0.10	0	0.05	0	0.03	0.08	0.05	0	0.01	0.11	0.10	0.10	0.03	0.05	0.06	3.49	7.81	0.67	3.79	4.14	0	0	0.05	25.64	25.64				
Esparto Desert Fms	31.69	0.03	0.08	0.03	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	4.11	9.50	0.48	1.45	0.30	0	0	0.06	31.61	31.61			
Fair Oaks	32.61	0.68	0	0.10	0.19	0	0.19	0	0	0	0	0	0	0	0	5.59	8.95	0.59	5.59	0.50	0	0	0	0.02	31.84	31.84			
Ferguson Ranch	31.06	0	0.07	0	0.05	0	0.05	0	0	0	0	0	0	0	0	6.03	2.93	6.92	0.42	NR	0.17	0.36	0	0	0	0			
Fruitridge & Hedge																													
Fruito No. 2	22.71	0	0.18	0.10	0	0.09	0	0.09	0	0.01	0.01	0.01	0.02	0.01	0	4.56	3.04	6.32	0.24	2.20	4.28	1.79	0	0.17	0.16	22.76	22.76		
Glen Colusa Hdgate	22.51	0.01	0	0.01	0	0.01	0	0.01	0	0.05	0	0.05	0	0.05	0	5.53	3.31	8.71	0.71	3.17	3.39	0.53	0.77	0.01	0	0.06	22.48	22.48	
Griddle Butte WD																6.70	4.36	8.45	0.49	4.99	0.03	1.50	0	0	0	0	0	0	
Griddle FFS																6.89	NR	8.57	0.41	4.16	3.97	0	1.11	0	0	0.13	0	0	0
Hamilton Ranch	26.10	0.15	0	0.15	0	0.05	0	0.05	0	0.05	0	0.10	0	0.10	0	3.30	6.82	0.62	4.03	0.13	1.05	0	0	0	0	0	0		
Hammonton	21.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.83	2.50	6.90	0.35	2.03	3.31	0.12	0.75	0	0	0	0	0	0
Honcut	29.60	0	0	0.12	0	0.20	0	0.20	0	0.04	0	0.22	0	0.22	0	7.65	4.43	7.88	0.47	4.49	3.48	0.15	1.10	0	0	0.10	0	0	0
Hunter Dist. Graves	31.91	0	0	0.12	0	0.15	0	0.15	0	0.05	0	0.04	0	0.04	0	7.24	3.92	8.50	0.20	3.90	5.45	0.15	2.13	0	0	0	0	0	0
Jelly	33.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.61	4.57	10.38	0.40	3.45	4.53	0.31	0.74	0	0	0.01	0	0	0
Johns School	27.64	0.02	0	0.04	0	0.04	0	0.04	0	0.02	0	0.02	0	0.02	0	5.62	3.43	7.33	0.57	3.30	5.51	0	1.60	0	0.10	0.29	0	0	0
KAHI Radio	41.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9.50	5.65	10.88	0.60	8.04	5.21	0.38	1.14	0	0	0.01	0	0	0
Karnak	26.29	0.09	0	0.04	0	0.04	0	0.04	0	0.03	0	0.03	0	0.03	0	5.57	3.07	7.43	0.55	3.24	4.02	0.40	0.89	0	0	0.02	0	0	0
Kirrkville	24.46	0.04	0	0	0	0	0	0	0	0	0	0	0	0	0	5.22	2.98	7.09	0.69	2.94	4.03	0.50	0.93	0	0	0.10	0	0	0
La Finca Orchard	30.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.86	4.41	8.45	1.00	4.46	4.09	0	1.15	0	0	0.11	0	0	0
Lake Sollano	38.07	0.08	0	0.07	0	0.07	0	0.07	0	0.07	0	0.07	0	0.07	0	8.26	5.49	11.85	0.41	6.00	3.99	0	1.85	0	0	0.05	0	0	0
Lincoln Austin	32.35	0.07	0	0	0	0	0	0	0	0	0	0	0	0	0	8.21	8.10	0.59	4.95	5.08	0.23	0.92	0	0	0.08	0	0	0	
Lincoln 4 NE	30.11	0.04	0	0.03	0	0.03	0	0.03	0	0.04	0	0.04	0	0.04	0	5.91	3.97	7.07	0.63	4.05	4.02	0.40	0.78	0	0	0.02	0	0	0
Live Oak 6 SSW	24.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.46	3.59	7.37	0.73	3.13	3.92	0.13	0.46	0	0	0.24	0	0	0
Live Oak 2 SE	30.57	0.04	0	0.04	0	0.02	0	0.02	0	0.02	0	0.02	0	0.02	0	7.10	4.12	9.16	0.65	4.21	4.11	0.02	1.14	0	0	0.08	0	0	0
Loma Rica	34.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.04	5.72	9.24	0.55	4.61	5.54	0.23	1.36	0	0	0.12	0	0	0
Loomis	33.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8.30	3.96	9.05	0.56	5.71	4.46	0.19	0.77	0	0	0.06	0	0	0
Loomis No. 2	31.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8.53	8.53	0.53	4.93	4.66	0.20	0.84	0	0	0.07	0	0	0	
Loomis 3 ENE	38.08	0.08	0	0.08	0	0.05	0	0.05	0	0.01	0	0.01	0	0.01	0	7.94	4.39	10.18	0.55	7.03	5.74	0.28	0.84	0	0	0.08	0	0	0
Los Molinos 1 SE	22.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.81	3.18	5.85	0.51	2.73	2.84	0.11	0.68	0	0	0.04	0	0	0
Los Molinos 3 N	26.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.87	3.52	6.60	0.47	3.10	3.98	0.24	1.09	0	0	0.04	0	0	0
Los Molinos 6 N	28.54	0	0.08	0	0.08	0	0.08	0	0.03	0	0	0	0	0	0	8.85	3.31	7.17	0.37	3.49	3.24	0.17	1.83	0.03	0.01	0.06	0	0	0
M & T Ranch	28.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.09	7.51	10.30	0.53	3.23	4.68	0.25	1.14	0	0	0.06	0	0	0
Manzanita FS	33.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.40	4.37	10.30	0.58	4.31	4.49	0	1.68	0	0	0.12	0	0	0
Marysville	29.41	0	0.02	0	0.02	0	0.02	0	0	0	0	0	0	0	0	6.90	4.81	8.09	0.61	3.49	4.28	0.06	1.15	0	0	0.02	0	0	0
Mather AFB	23.72	0.08	0	0.01	0.03	0	0.01	0	0	0	0	0	0	0	0	6.30	2.59	6.21	0.58	3.19	3.87	0.24	0.62	0	0	0	0	0	0
Maxwell	23.56	0.02	0	0.03	0	0.05	0	0	0	0	0	0	0	0	0	5.19	2.48	6.24	0.62	2.90	3.67	0.36	0.51	0	0	0.06	0	0	0
McClellan AFB	25.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.88	7.42	0.38	0	0	0	0	0	0	0	0	0	0	0

TABLE A-2 (Cont.)
PRECIPITATION DATA

Station Name	1966												1967												Total Oct. 1 To Sept. 30		
	Total July 1 To June 30	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Moy.	June	July	Aug.	Sept.											
SACRAMENTO RIVER BASIN																											
Mills Orchard	25.10	T	0.05	T	0.12	0	5.94	3.51	3.66	3.73	0.89	0.18	T	0	0	0	0	0	0	0	0	0	0	0	25.05		
Montezuma Hills	18.70	0.14	0.05	0.03	0.05	0	3.53	2.05	2.90	3.45	0.65	0.16	T	0	0	0	0	0	0	0	0	0	0	0	18.41		
Natoma FS 2	21.77	0.10	T	0	0	0	3.44	2.74	2.95	3.36	0.47	0.09	0.53	T	0	0	0	0	0	0	0	0	0	0	0	21.62	
Nelson Western Camp	26.11	T	0	0	0.01	0	6.10	3.41	7.86	4.36	0.60	0.05	0.81	T	0	0	0	0	0	0	0	0	0	0	0	26.18	
Newcastle Fowler	34.55	0.05	T	0	0	0	8.77	4.39	8.54	5.47	0.56	0.22	0.89	T	0	0	0	0	0	0	0	0	0	0	0	34.56	
New England Orchard	27.29	T	0	T	0	0	7.10	3.57	7.71	4.12	0.46	0.01	0.92	T	0	0	0	0	0	0	0	0	0	0	0	27.39	
Nicolaus No. 2	26.34	0.06	T	0	0.03	0	6.90	3.15	6.83	3.71	0.56	0.06	0.96	T	0	0	0	0	0	0	0	0	0	0	0	26.35	
North Sacramento	22.73	0.01	0	0	0.03	0	5.07	2.67	6.35	4.00	0.39	0.02	1.44	0.02	0	0	0	0	0	0	0	0	0	0	0	27.87	
Orangevale	31.61	0	0	0.01	0	0	8.82	2.94	8.68	0.60	5.41	0.36	0.58	0	0	0	0	0	0	0	0	0	0	0	0	31.60	
Orland French Ranch	21.16	T	0.13	T	0.04	T	5.52	2.45	5.00	0.46	2.40	3.04	2.22	1.94	0.06	0.19	0.10	0.05	0.05	0.02	0.02	0.02	0.02	0.02	21.38		
Orland	21.90	0	0.12	0.12	0.04	T	5.65	2.97	5.61	0.41	2.67	2.84	0.18	1.41	0.02	0.19	0.10	0.05	0.05	0.05	0.05	0.05	0.05	0.05	21.83		
Oroville Bridge	36.76	T	0.01	0	0.01	0	8.37	4.34	11.11	6.44	0.44	0.35	1.53	T	0.03	0.09	0.09	0.09	0.09	0.03	0.03	0.03	0.03	0.03	0.03	0.03	36.86
Oroville RS	37.92	T	0	0	0	0	8.10	4.20	10.10	6.60	0.53	0.32	4.71	0.96	T	0	0	0	0	0	0	0	0	0	0	0	38.04
Palermo	37.03	T	0.04	T	0.15	0.22	6.16	3.00	11.04	0.67	4.85	5.22	0.14	2.05	0	0.04	0.14	0.14	0.14	0.04	0.04	0.04	0.04	0.04	0.04	37.17	
Paskenta RS	30.45	0	0.15	0.15	0.22	0	6.60	3.17	8.56	0.10	3.49	5.90	0.04	2.83	0.23	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	30.37		
Phelan Parrott Rch	25.28	0	0	NR	NR	0	5.69	3.22	7.60	0.50	4.78	4.48	0.15	1.03	0	0	0	0	0	0	0	0	0	0	0	25.28	
Phoenix Field	28.33	0.15	0.15	0.04	0.02	0	5.88	3.94	8.33	0.72	4.06	4.11	T	1.30	0	0	0	0	0	0	0	0	0	0	0	28.17	
Plainfield 1 E	28.33	0	0	0	0	0	5.84	2.81	9.06	0.75	3.37	3.78	0	1.06	0	0	0	0	0	0	0	0	0	0	0	28.17	
Plainfield 2 NWW	26.92	T	0	0.25	0	0	5.58	3.42	7.48	0.72	3.91	4.68	0.01	1.06	0	0	0	0	0	0	0	0	0	0	0	26.92	
Rancho Cordova FS	26.49	0.12	0.03	0.05	0.05	0	6.12	2.88	6.83	0.60	3.26	3.24	0.28	NR	0	0	0	0	0	0	0	0	0	0	0	26.34	
Red Bluff 5 E	24.39	T	0.09	0.07	0.10	T	7.12	3.08	6.04	0.77	2.54	3.56	0.07	1.05	0.01	T	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	24.27	
Red Bluff Owners Rch	25.29	T	0.11	0.10	0.21	0	8.38	3.08	7.63	0.44	2.69	2.60	0.35	0.87	0.01	T	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	25.12	
Red Bluff WEP	42.43	0	0.10	0.24	0.21	0	9.11	7.92	14.03	0.70	6.21	6.85	5.71	1.21	1.34	T	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	42.23	
Redding FS No. 2	42.27	T	0.11	0.15	0.37	0	9.42	6.18	12.69	0.61	6.10	5.90	1.35	1.42	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	47.03		
Redding Clear Creek	44.19	0	0	0	0	0	6.67	2.88	7.54	0.54	3.30	4.56	0.07	1.04	0	0	0	0	0	0	0	0	0	0	0	43.87	
Rice Exp. Sta.	26.60	0	0	0	0	0	6.97	3.55	9.12	0.60	3.89	4.67	0.04	1.20	0	0	0	0	0	0	0	0	0	0	0	26.68	
Richvale	30.04	0	0	0	0	0	6.97	3.97	7.54	0.72	3.42	3.38	0	0.76	0	0	0	0	0	0	0	0	0	0	0	30.15	
Rio Vista 1 NW	24.04	0.15	0.15	0.07	0.15	0.20	0.12	0	4.80	3.50	8.25	0.75	3.05	4.95	0	1.00	0	0	0	0	0	0	0	0	24.86		
Rio Vista 5 W	26.87	0.15	0.08	0	0.02	0	6.18	2.83	7.90	0.51	3.17	3.59	0.54	0.71	0	0	0	0	0	0	0	0	0	0	26.50		
Robbins	25.53	0.03	0	0	0.01	0	7.11	3.73	8.73	0.55	4.85	5.03	0.16	0.73	0	0	0	0	0	0	0	0	0	0	25.54		
Rocklin 1 SE	30.93	0.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30.93	

TABLE A-2 (Cont.)
PRECIPITATION DATA

Station Name	1966												1967												Total Oct. 1 To Sept. 30	
	Total July 1 To June 30	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.										
SACRAMENTO RIVER BASIN																										
SACRAMENTO VALLEY FLOOR AO																										
Rosewood Capehart	29.53	T	0	0.07	0	6.14	3.36	8.55	0.26	4.50	3.84	0.89	1.92	0	T	0	0.08	29.54								
Sacramento WBAP	26.30	0.10	0	0.07	0	5.73	3.53	8.42	0.41	3.91	0.13	0.60	0.60	T	0	0.04	26.17									
Sacramento WB City	26.09	0.09	0	0.05	0	5.48	3.33	7.94	0.40	4.15	3.85	0.12	0.68	0	0	0	0.04	25.99								
Sacramento Huffman	30.19	0.07	T	0.06	0	6.44	3.60	10.40	0.43	3.79	4.60	0.05	0.75	T	0	0	0.03	30.09								
Sacramento 3 SSW	26.17	0.11	T	0.07	0	6.19	3.57	7.70	0.51	3.39	3.83	0.03	0.77	T	0	0	0.04	26.03								
Sacramento 6 S	27.06	0.08	0	T	0.04	0	5.39	3.65	9.00	0.48	4.20	3.60	0.01	0.65	T	0	0	0.04	22.27							
Sacramento 5 SSE	22.32	0.05	0	T	0.04	0	5.25	2.72	6.09	0.35	2.70	4.33	0	0.79	T	0.02	0	0.04	21.35							
Sacramento Refuge	21.27	T	0.01	T	0	5.06	2.72	5.21	0.80	2.54	3.59	T	1.34	T	0.02	T	0.07	0	0.04	21.35						
Smartsville	38.54	T	0	T	0	8.85	5.01	10.02	0.76	5.70	6.60	0.20	1.40	0	0	T	0.09	38.63								
Stone Valley	23.66	0	0	T	0	5.28	3.25	6.44	0.28	2.29	3.96	0.10	2.06	0.08	0.13	T	0.04	23.91								
Sutter City	20.83	0	0	0	0	4.90	2.83	5.33	1.03	1.56	5.18	0	0	0	0	T	0	0	0	20.83						
Sutter Ranch	29.34	0.05	0	T	0.02	0	7.31	4.02	8.81	0.52	3.54	3.95	0.08	1.04	T	0	0.13	NR								
Thermalito Afterbay	33.09	0	0	T	0	7.69	4.39	9.16	0.47	4.67	4.84	0.10	1.77	T	0	0	NR	29.40								
Tisdale Weir	25.57	0.04	0	0	0	5.68	3.47	7.53	0.70	2.76	4.14	0.50	0.75	0	0	0	0.05	25.58								
Tisdale Bypass	23.29	0.02	0.01	0.03	0	5.40	3.23	6.54	0.62	2.50	3.86	T	1.08	T	0	0	0.04	23.27								
Twain & Cntry Mitchell	28.00	0.05	0.02	0.02	0	6.44	3.71	8.24	0.37	3.79	4.43	T	0.05	T	0	0	0.08	28.01								
Vacaville	40.89	0.10	0.16	0.18	0	7.33	5.98	13.38	0.43	5.38	6.39	T	1.56	T	0	0	0.06	40.51								
Verona	22.24	0.15	T	0.10	0	5.83	3.08	5.92	0.45	2.53	3.29	0.02	0.97	T	0	0	0.05	22.14								
Vina 1 NE	23.33	0	0.03	0.01	0	6.56	3.54	5.77	0.80	2.81	2.98	0.15	0.68	0.02	0	0	0	0	23.31							
Vina Monastery	25.94	0	0.06	T	0.06	7.26	3.86	6.32	0.73	3.07	3.51	0.28	0.85	0.05	0	0	0.09	26.02								
Werner Ranch	29.99	0.06	0.09	T	0.05	9.88	5.13	10.04	0.89	7.15	10.40	0.66	1.06	0	0	0	0.06	40.44								
West Acres	29.34	0.09	0.04	T	0.02	6.56	3.74	9.28	0.50	4.24	4.18	0.01	0.69	T	0	0	0	0.06	29.26							
West Carmichael	28.58	0.04	T	0.02	0	6.81	3.55	8.71	0.41	4.22	3.91	0.17	0.74	T	0	0	0	0.06	28.58							
Wheatland 2 NE	26.55	0.02	0	0.02	0	7.26	3.58	6.08	0.48	3.79	3.97	0.34	1.01	T	0	0	0.18	26.69								
Wheatland Calpak	29.01	0.11	0.01	0.07	0.05	4.65	2.07	7.35	0.45	4.09	4.34	0.70	0.62	0	0	0	0.07	29.06								
Williams	23.40	0.05	0.01	0.05	0.05	5.41	2.79	5.18	0.67	4.43	4.75	0	1.96	0.02	0	0	0.09	23.34								
Willows 3 W	23.65	0	0.10	0	RE	8.30	3.14	6.13	0.69	2.98	4.75	0	1.77	0	0.02	0	0.06	23.64								
Winters	35.53	0.11	0.10	0.07	0	7.37	4.87	10.84	0.46	5.46	4.52	T	1.73	0	0	0	0.07	35.32								
Winters Udell Rch	35.96	0.11	0.11	0.08	0	7.24	4.54	10.78	0.53	5.94	4.94	T	1.68	0	0	0	0.05	35.71								
Winters 3 NE	33.39	0.12	0.09	0.08	0	8.53	4.60	10.15	0.51	5.30	4.28	T	1.73	T	0	0	0.07	33.47								
Winters 4 N	41.22	0.10	0.10	0.02	0	8.27	4.69	10.44	0.40	6.65	5.07	T	1.88	0	0	0	0.08	28.01								
Winters Lewis Rch	NR	0	0.50	0.27	0	8.14	0.54	4.62	0	1.95	0	0	0	0	0	0	0	0.08	28.01							
Winters Wolfskill Rch	36.83	0.09	0.09	0.08	0	7.80	5.10	10.98	0.49	6.14	4.36	0.06	1.70	0	0	0	0.08	36.65								
Woodland 1 WNW	27.06	0.10	0.03	0.08	0	6.06	3.23	7.75	0.67	4.41	3.51	0.06	1.16	T	0	0	0.11	26.98								

TABLE A-2 (Cont.)
PRECIPITATION DATA

Station Name	1966												1967						Total Oct. 1 To Sept. 30	
	Total July 1 To June 30	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.				
SACRAMENTO RIVER BASIN																				
SACRAMENTO VALLEY FLOOR AO																				
Woodland 1 SSW	30.18	0.09	T	0.03	0	6.72	3.59	9.37	0.71	4.42	4.21	1.26	0	0	0	0.16	30.22			
Woodland Stoddard R	32.83	0.10	0	0.05	0.13	0	6.75	3.89	7.78	0.70	5.21	0.07	0	0	0	0.05	32.13			
Woodland Holland Rch	27.04	0	0.05	0.03	0	5.59	3.60	7.48	0.45	4.18	1.45	1.30	T	0	0	0	0.02	26.88		
Woodland 3 W	27.86	0.10	0.10	0.03	T	0	5.72	3.76	8.15	0.59	3.95	0.03	1.30	T	0	0	0.08	27.76		
Woodland Rumsey Rch		0.10					5.52	3.54	8.31	0.65	4.10							27.94		
Yolo 2 NE	28.00	0.07	0.01	0.03	0	6.33	3.46	8.01	0.65	3.68	4.61	T	1.15	T	0	0	0.05	27.96		
Yolo 3 NNE	28.24	0.25	T	0.03	0	5.95	3.94	8.34	0.70	3.25	4.46	0	1.32	0	0	0	0	24.54		
Yolo 3 N	27.69	0.05	0	0.03	0	5.06	2.99	8.21	0.68	3.45	4.34	0	1.12	0	0.02	0.19	0.10	28.17		
Yuba City 4 S	24.34	T	0.01	0	0	5.92	3.59	6.28	0.64	2.82	3.94	0.05	1.05	0.89	0	0.03	0.05	0.03		
Yuba City 4 S	28.09	0.03	0.02	0	0	6.78	4.12	7.81	0.47	3.49	4.43	0.05	1.05	0.89	0	0.03	0.05	0.03		
Yuba City 7 W		0	0.03	0.03	RE															
PIT RIVER AI																				
Adin Ranger Station	19.31	0.18	T	0.32	0.01	2.98	2.44	6.15	0.15	1.66	3.36	1.12	0.94	0.05	0.17	0.05	19.08			
Adin Eliza Ranch	11.85	0.03	0	0.28	T	0.56	0.05	2.69	1.04	2.83	0.12	0.90	1.80	NR	NR	NR	0.25	10.99		
Alturas Insp. Sta.	11.91	0.60	0	0.56	0.14	0.50	0.14	2.64	1.10	2.72	0.10	0.60	1.27	0.82	0.02	0.03	0.25	11.80		
Alturas 7 ESE	14.61	0.32	0	0.19	0.51	0.21	2.43	1.53	3.11	0.11	1.12	2.25	1.55	1.10	0.31	0.30	0.10	0.12	14.18	
Alturas RS	13.27	0.63	T	0.59	0.15	2.78	1.48	3.05	0.15	0.94	1.58	1.05	0.87	0.25	0.10	0.11	1.251			
Alturas 2 SE	13.27	0.24	0.11	0.62	RE	0.13	3.21	3.06	5.54	0.23	1.70	3.47	1.30	2.50	0.05	0.03	0.10	21.32		
Bieber Babcock Rch	21.40	0	0	0.26	0	3.84	2.63	6.16	0.21	1.77	2.77	1.10	1.26	0.40	0	0	0	20.18		
Bieber 4 NW	20.09	0	0	0.35	0	3.58	3.57	5.68	0.62	2.22	1.97	1.42	2.14	0.20	0	0	0.04	21.44		
Burney	21.66	0	0	0.46	0	3.58	3.57	5.68	0.62	2.22	1.97	1.42	2.14	0.20	0	0	0	21.24		
Cairby 11 SW	21.19	0.02	0	0.38	0	3.15	3.93	4.14	2.49	3.22	4.45	1.38	2.76	1.54	1.33	0.45	T	21.19		
Buck Creek RS	22.30	0.42	0.36	0.90	0.35	NR	NR	NR	7.96	1.16	1.95	0.55	4.23	2.14	1.55	0.29	0.16	0.16	21.19	
Buckhorn	0	0	T	0.50	0.50	0.31	T	9.54	6.60	8.93	0.44	15.57	9.84	3.24	1.99	0.45	T	0.12	38.72	
Burney	38.57	0.05	0.05	0.35	0.35	0.41	5.72	4.07	6.41	0.13	2.37	4.76	1.32	0.78	0.78	1.12	T	25.70		
Cairby 11 SW	26.73	0.33	0.35	0.35	0.35	0.41	5.72	4.07	6.41	0.13	2.37	4.15	1.32	1.32	1.32	1.32	T	21.24		
Carby RS	19.74	0.33	0.01	0.38	0.47	4.55	2.34	3.87	0.14	1.62	4.52	0.95	0.56	0.03	0.06	0.08	0.19			
Cove Ranch	17.96	0.19	0.09	0.17	0.40	4.35	2.01	3.89	0.47	1.50	2.39	1.98	1.12	0.32	0.33	0.32	0.48			
Dana 2 SE	30.27	0	0.01	0.16	0	4.25	5.50	7.57	0.16	5.69	4.28	1.63	1.02	0.09	0.02	0.06	0.27			
Day's Creek	27.18	0.70	0.10	0.60	0.40	3.83	3.20	9.13	0.90	2.77	4.72	0.92	0.81	0.57	0.18	0.18	0.05	26.58		
Day	29.26	0	0	0.41	0	6.15	4.71	7.18	0.16	4.23	4.19	1.35	0.88	0.39	0	0.03	0.03	29.27		
Fall River Mills	19.49	0	0	0.25	0	4.16	3.32	4.58	0.04	2.43	2.33	1.35	1.03	0.21	0	0.05	0.05	19.50		
Glenburn DWR	0	0.03	0.04	0.32	0	NR	NR	6.39	0.57	4.98	3.04	1.50	1.53	0.07	0.11	0.16	0.16			
Hat Creek RS																				

TABLE A-2 (Cont.)
PRECIPITATION DATA

Station Name	Total July 1 To June 30		1966						1967						Total Oct. 1 To Sept. 30	
	July	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
SACRAMENTO RIVER BASIN																
PIT RIVER A1																
Hat Creek PH No. 1	23.55	0	0.04	0.19	0.26	4.66	3.38	5.69	0.30	3.44	1.37	0.84	0.26	0.03	0.07	
Jess Valley	18.63	0.50	0.05	0.74	0.16	3.03	1.00	3.13	1.81	2.96	2.14	1.60	0.43	0.47	0.30	
Likely Yance	13.74	0.23	0.14	0.62	0.39	2.05	1.18	2.93	0.32	0.66	2.19	1.89	0.39	0.39	0.20	
Little Valley	0.22	0.18	0.32	0.32	0.32	0.70	NR	NR	0.13	NR	NR	NR	0	NR	13.93	
Lookout 3 WSW	28.36	T	0.32	0.32	0.32	6.33	3.28	9.35	0.13	2.18	3.63	1.58	0.55	0	0.05	
Lookout Shaw	24.34	0.35	0	0.26	0.34	5.10	3.88	5.47	0.06	2.70	3.85	1.37	0.96	0.08	0.06	
McArthur H M S	22.25	0	0.01	0.41	0.06	4.06	2.99	6.62	0.15	2.56	2.46	1.35	0.64	0.41	0	
New Pine Ck., Ore.	19.03	0.41	0.24	0.80	0.46	4.20	2.01	3.66	0.50	0.93	3.25	1.42	0.34	0.11	0.12	
Old Station	24.53	0.52	0.05	0.20	0	5.03	3.20	5.21	0.55	3.60	2.88	1.33	1.66	0.46	0.05	
Pit River PH No. 5	90.93	0.01	0.21	0.52	0	20.23	16.12	18.17	0.93	17.92	12.19	3.13	1.45	0.54	0.30	
Pittville 3 SE	0															
Willow Ranch	8.47	0.19	0.08	0.74	0.21	0.90	0.49	1.95	4.85	0.18	1.79	2.39	0.98	0.24	0.11	
SHASTA LAKE A2																
Dunsmuir RS	73.85	0	0.09	0.66	0.42	T	19.53	12.67	15.00	0.55	13.39	9.54	1.04	0.02	0.10	
Gibson H M S	81.98	T	0.16	0.18	0.55	0	20.48	13.20	16.74	0.87	13.75	0.75	2.11	0.06	0.33	
Iron Mountain No. 3	67.50	0	0.02	0.07	0.56	T	23.83	12.47	13.61	0.80	19.99	1.65	1.87	0.10	0.11	
Lakeshore	88.57	0	0.57	0.16	0.51	T	16.72	11.85	12.02	0.90	18.08	1.94	2.33	0.14	0.06	
McCloud	66.50										9.01	12.63	1.57	1.23	0.04	
Mt. Shasta WB City	45.19	0.04	0.23	0.56	T	11.32	6.92	7.61	0.53	8.49	6.67	0.96	1.86	0.05	0.07	
Round Mt. 1 NNE	67.63	0	0.10	0.15	0	13.58	8.83	17.11	1.00	11.66	9.43	3.61	2.16	0.18	0.09	
Shasta Dam	70.07	0	0.20	0.37	0	16.44	12.07	14.94	1.06	11.22	10.22	1.30	2.22	0.02	0.05	
Turntable Creek	70.96	0	0.17	0.19	T	17.57	14.33	15.01	0.81	10.66	9.94	0.59	1.69	0.05	0	
Vollmers	84.52	0.03	0.08	0.58	T	21.56	14.13	17.04	1.09	13.43	13.33	0.92	2.33	0.39	0.09	
SACRAMENTO VALLEY WESTSIDE																
A3																
Black Butte Dam	22.32	0	0.16	0.05	0.01	6.46	2.76	5.69	0.36	2.27	4.97	1.61	1.50	T	0.07	
Eagle Creek	41.54	0	0.07	0.29	T	7.39	5.30	12.04	0.35	6.17	3.35	0	0.06	0.08	22.18	
East Park Reservoir	25.32	0	0.21	0.99	0	5.12	2.79	7.17	0.18	2.48	3.95	0	2.43	0.05	41.32	
Flood Ranch	27.48	0	0.13	0.01	T	6.82	3.56	7.26	0.23	2.99	4.31	0	2.17	0	24.38	
Flournoy 8 NW	33.45	0	0.09	0	T	7.00	3.76	9.98	0.15	5.77	0.12	3.10	0	0.50	27.61	
Fouts Spg Boys Rch	42.55	0	0.42	0.53	0	8.30	7.03	11.99	0.11	5.42	4.68	0.14	3.63	0	33.85	
French Gulch RS	42.81	0	0.11	0.45	0	9.16	4.71	9.36	0.86	6.81	9.06	0.76	1.53	T	41.70	
Harrison Gulch RS	39.80	0	0.14	0.22	0.03	10.40	7.35	10.40	0.26	5.28	4.51	0.21	3.47	0	42.10	
Igo 2 W	35.56	0.03	0.08	0.58	T	10.35	4.95	13.98	0.37	7.30	4.62	1.47	3.09	0	39.91	
Montgomery Place	55.69	0	0.11	0.01	NR	8.08	5.26	9.78	0.20	4.97	3.81	0.20	2.70	NR	0.23	

TABLE A-2 (Cont.)
PRECIPITATION DATA

Station Name	1966												1967												Total Oct. 1 To Sept. 30	
	Total July 1 To June 30	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.										
SACRAMENTO RIVER BASIN																										
SACRAMENTO VALLEY WESTSIDE A3																										
Newville 1 E	43.34	0	0.10	0.42	5.24	11.70	0.37	5.95	6.12	2.01	0.39	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	43.29		
Ono	36.07	0.22	0.14	0.28	0.0	7.18	6.60	0.22	5.52	0.11	3.73	T	T	T	T	T	T	T	T	T	T	T	T	T	35.44	
Platina	35.97	0.20	0.15	0.31	0.0	7.23	6.18	0.21	5.23	0.11	3.20	0	0	0	0	0	0	0	0	0	0	0	0	0	35.44	
Burch	68.01	0.44	0.42	0.42	T	11.44	18.01	0.38	9.18	0.64	3.43	0	0	0	0	0	0	0	0	0	0	0	0	0	67.25	
Stonyford Cooley																										
Stonyford RS	26.79	0	0.22	0	5.47	3.72	7.48	0.21	2.68	4.18	0	0.01	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	26.74	
Stony Gorge Res.	25.02	0	0.22	0.27	0	2.97	6.93	0.13	2.55	4.00	0.01	3.03	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	24.77	
Whiskeytown Res.	74.24	0.03	0.08	0.41	0	17.06	16.92	0.63	12.25	11.39	1.02	2.39	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	73.86	
SACRAMENTO VALLEY NORTHEAST A4																										
Centerville PH	58.38	0	0.06	0.08	0	8.28	16.11	1.02	8.26	8.83	0.60	2.03	0	0	0	0	0	0	0	0	0	0	0	0	58.46	
Cohasset 1 NNE	75.00	0.02	0.09	0.30	0	9.10	9.50	1.16	11.61	12.54	1.37	1.20	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	74.97	
Daleah Fish Hatch.	32.79	0	0.09	0.29	T	8.40	3.31	0.45	3.97	4.91	1.07	0.67	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	32.54	
Desabla	31.31	0	0	0.13	0	18.15	11.72	21.08	1.57	14.76	11.08	2.32	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	30.96	
Desabla	81.92	0	0	0	0	18.39	10.22	20.78	1.33	10.42	11.04	1.58	0	0	0	0	0	0	0	0	0	0	0	0	81.94	
Forest Ranch	75.21	0.03	0.06	0.10	0	11.45	12.36	1.28	7.76	11.57	1.24	0.08	0	0	0	0	0	0	0	0	0	0	0	0	75.10	
Kilarc PH	55.27	0	0.07	0.39	0.01	9.98	7.31	8.98	1.28	7.17	7.80	1.79	1.58	0	0	0	0	0	0	0	0	0	0	0	55.14	
Manton 6 E	46.11	0.10	0.30	0.12	0.63	9.04	5.66	7.55	0.90	6.50	9.17	2.21	0.47	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	45.93	
Manzanita Lake	44.48	0.22	0.22	0.17	0.39	0.02	9.20	8.52	13.50	1.01	10.48	8.02	2.19	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	63.35	
Mineral	63.79	0	0	0	0	17.20	0.09	0.09	0.09	10.48	10.48	2.00	2.19	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
Palo Cedro 2 N	39.96	0	0	0.14	0	8.58	4.41	12.91	0.50	4.99	6.58	0.86	0.99	0	0	0	0	0	0	0	0	0	0	0	39.91	
Paradise Creek	64.52	0.12	0	0.03	0	16.21	9.55	17.97	0.29	5.69	11.61	0.92	2.13	T	T	T	T	T	T	T	T	T	T	T	64.43	
Paynes Creek	48.80	0.27	0.04	1.04	0	8.34	9.19	18.92	0.29	6.09	8.87	1.35	0.13	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	47.99	
Shingletown 2 E	37.35	0.20	0.06	0.31	0	11.48	5.13	11.76	1.27	7.86	1.03	5.10	7.24	1.64	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	37.08
FEATHER RIVER A5																										
Boulder Creek GS	0.06	0.10	0.23	0	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.43								
Brush Creek RS	85.18	0	0.04	0	19.06	12.56	24.60	1.27	12.46	10.82	1.51	2.86	0	0	0	0	0	0	0	0	0	0	0	0	0.19	
Bucks Creek PH	83.91	0.03	0.01	0.18	T	18.07	12.75	20.69	1.43	14.94	11.84	2.21	1.76	0	0	0	0	0	0	0	0	0	0	0	0.02	
Bucks Lake	94.60	0	0	0.10	0	21.40	14.40	22.60	1.30	18.30	11.20	3.50	2.00	0	0	0	0	0	0	0	0	0	0	0	0.10	
Bucks Storage Res.	89.37	0.03	0	0.07	T	20.40	12.06	23.02	1.29	17.32	9.93	2.69	2.56	0	0	0	0	0	0	0	0	0	0	0	0.09	
Canyon Creek Store	0.02	T	0.01	T	14.42	6.71	17.47	0.56	9.31	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.19	
Canyon Dam	55.24	0.03	0.01	0.05	0	10.13	8.70	16.40	0.56	11.15	5.06	2.04	1.70	0	0	0	0	0	0	0	0	0	0	0	55.33	
Caribou PH	53.19	0.04	0.02	0.02	T	0.01	21.10	12.92	23.31	1.24	16.67	12.20	RE	4.13	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	53.26
Cascade	61.87	0	0	T	0	12.63	7.79	18.93	1.07	8.41	9.21	0.92	2.91	2.91	0	0	0	0	0	0	0	0	0	0	0.24	
Cherokee																										

TABLE A-2 (Cont.)
PRECIPITATION DATA

Station Name	1966												1967						Total Oct. 1 To Sept. 30
	Total July 1 June 30	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.			
Precipitation in Inches																			
SACRAMENTO RIVER BASIN																			
FEATHER RIVER A5																			
Chester	43.15	0.18	0.02	0.03	0.01	8.65	6.50	11.90	0.55	8.13	4.59	0.91	1.68	0.03	0.03	0.15	43.13		
Enterprise OWD	55.34	0	0.01	0	0	11.67	6.02	13.64	1.06	10.01	9.86	0.81	1.98	0	0	0.05	55.38		
Feather Falls	62.31	0	0	0	0	13.59	8.57	16.47	1.07	12.79	13.48	2.11	2.07	0	0	0.13	62.44		
Forbestown	83.26	0	0.12	0.02	0	17.69	10.08	23.32	1.28	12.78	12.98	0.85	1.83	T	0	0.15	83.27		
Foreman Creek	47.17	0	0	0	0	10.50	5.55	12.98	0.85	7.28	7.97	0.45	2.59	0	0	0.25	47.42		
Greenville RS	54.53	0.09	0	0.08	0	11.58	9.02	15.83	0.86	9.55	3.70	1.27	2.55	0.20	0.20	0.22	54.98		
Hamilton Branch PH	39.15	0.39	0.03	0.04	0	7.68	5.95	11.25	0.46	6.88	3.46	1.03	1.98	0	0.05	0.07	38.81		
Lake Wilenor	69.72	0.02	0	0.02	0	16.13	8.65	19.49	1.11	10.31	10.78	0.66	2.55	0	0.01	0.13	69.82		
La. Porte	98.99	0.15	0	0.05	0	23.64	14.76	19.86	1.07	19.58	13.37	3.55	2.96	0	0.14	0.32	99.25		
Las Plumas	64.05	0	0	0	0	14.08	5.74	19.41	0.87	10.14	10.99	0.78	2.02	0	0	0.15	64.18		
Loyalton	25.96	0.02	0.02	0	0	4.69	3.36	7.09	0.44	5.59	1.69	1.61	1.45	0.25	0.12	1.27	27.56		
Loyalton No. 2	29.32	0	0.01	0.06	0.07	0.03	5.68	3.31	8.60	0.46	5.54	1.97	1.59	2.04	0.20	0.12	31.00		
Mohawk RS	43.19	0	0	0	0	0	10.05	6.72	11.37	0.29	7.95	2.30	2.06	0.03	0.19	0.93	44.44		
Oroville Dam	43.52	0	0	0	0	9.31	5.29	11.82	0.65	7.05	6.81	0.33	2.25	0	0	0.11	43.63		
Parish Camp	45.37	T	0	0.04	0	9.95	5.96	12.63	1.01	7.09	6.41	0.51	1.77	0	0.01	0.18	45.52		
Plumas Eureka S P	82.91	0.02	0	0.17	0.04	19.15	11.81	22.02	0.83	16.94	6.88	3.21	1.84	0.01	0.23	1.00	83.96		
Portola	30.67	0	0.39	0.08	0	5.74	4.47	9.11	0.17	4.77	1.83	1.61	2.50	0.08	0.14	0.54	30.96		
Quincy RS	57.36	0.06	0	0.07	0.07	0.02	13.26	9.16	15.69	0.68	9.67	4.11	1.59	3.05	0	0.07	0.26	57.56	
Satley 1 NW	77.75	T	0.23	0.07	0.07	9.94	7.94	14.79	0.37	0.35	9.60	RE	0	0	0	0	0		
Sierraville RS	37.20	0.03	0.10	0.11	0.02	7.64	5.40	10.66	0.32	7.46	7.46	2.04	1.32	2.10	T	0.18	1.32	38.46	
Stirling City RS	87.79	0.10	0.03	0.61	0	19.24	11.15	24.21	1.28	15.80	12.20	1.58	1.59	0	0	0.30	87.35		
Taylorsville	53.36	0.03	0	0	0	10.94	8.68	18.50	0.64	7.79	7.79	4.09	1.25	1.24	2.48	0	0	55.81	
Twain	17.75	T	0	0	0	11.42	9.96	14.86	0.87	9.64	4.09	1.17	3.13	0.93	1.54	0.21	0.67	18.31	
Vinton	26.94	0.06	0	0.51	T	2.81	2.81	4.85	0.17	4.08	4.13	0.53	1.43	0.64	2.35	0.25	0.08	26.15	
Westwood				0	1.07	0	9.39	3.26	4.08	0.53	4.13	4.13	0.13	1.43	0.64	0.25	0.08		
Woodleaf Oroleve	93.86	0.05	0.01	0.01	T	19.70	12.33	26.37	1.23	15.90	12.71	2.06	3.49	0	T	0.02	93.81		
YUBA-BEAR RIVERS A6																			
Bangor Fire Station	43.41	0	0.05	0	0	9.13	6.08	12.46	0.67	5.63	6.78	0.50	2.11	0	0	0.10	43.46		
Bear River Head Dm	64.14	0	0.02	0	0	13.05	8.60	16.51	0.86	11.84	9.67	1.09	2.50	0	0	1.24	64.14		
Big Bend RS	86.09	0	0.17	0	0	18.22	13.77	20.16	1.07	16.45	10.45	2.17	3.31	0	0	0.75	88.61		
Bowman Dam	83.07	T	0	0.08	0	17.72	12.77	18.53	0.85	15.23	10.45	2.86	4.58	0	T	0.85	84.79		
Bridgeport 2 S	52.45	T	0.01	T	0.01	11.39	7.94	14.70	0.80	8.70	6.97	0.38	1.56	0	RE	0	0		
Bullards Bar PH	83.62	0	0	0	T	0	16.68	11.48	24.12	1.26	12.44	11.94	2.10	3.60	0.02	0	0.33	83.97	
Campoville RS	70.29	0	0	0.01	T	0	14.23	10.97	18.88	1.29	9.81	9.66	1.75	3.69	0	0	0.07	70.35	
Challenge RS	88.51	0.09	0.05	0.05	T	0	19.74	11.20	24.61	1.43	13.52	12.51	1.76	3.60	0	0	0.25	88.64	

TABLE A-2 (Cont.)
PRECIPITATION DATA

Station Name	Total July 1 To June 30	1966												1967												
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total Oct. 1 To Sept. 30									
SACRAMENTO RIVER BASIN																										
YUBA-BEAR RIVERS A6	49.62	T	0.05	0	0	0	0	10.68	6.82	13.19	0.70	7.50	0.52	1.13	0	0	T	0.15	0.91	49.57	49.37	93.59				
Clipper Gap	49.22	0.03	0	0.08	0	0	0	11.39	6.32	12.75	0.83	7.79	0.76	1.76	0	0	T	0.37	0.18	0	0	0				
Colgate PH	92.79	0	0.01	0	0	0	0	15.53	14.30	24.90	0.99	15.25	2.46	2.85	0.02	0	T	0	0	0	0	0				
Deer Creek PH	50.61	0	0	0	0	0	0	11.52	6.69	13.10	0.81	7.50	7.95	1.02	2.02	0	T	0.03	0.01	0.15	0.37	86.95	86.95	71.12	50.79	
Dobbins Colgate	86.48	T	0	0.05	0	0	0	19.04	13.56	21.99	1.18	14.65	9.06	3.58	3.67	0	T	0.03	0.01	0.15	0.37	86.95	86.95	71.12	50.79	
Downieville RS	70.13	T	0	0.04	0	0	0	12.74	10.51	15.81	0.91	12.68	11.92	2.66	2.86	0	T	0.03	0.01	0.15	0.37	86.95	86.95	71.12	50.79	
Drum Forebay	50.85	0.03	0	0.04	0	0	0	11.53	6.86	13.34	0.97	8.02	7.76	0.49	1.85	0	T	0.03	0.01	0.15	0.37	86.95	86.95	71.12	50.79	
French Corral	64.57	0.06	0	0.03	0	0	0	14.51	8.77	18.10	1.09	9.82	8.66	0.74	2.39	0	T	0.02	0	0	0	0	0	0	0	
Grass Valley No. 2	44.83	T	0	0	0	0	0	10.28	5.52	12.18	0.89	6.68	6.93	0.47	1.88	0	T	0.02	0	0	0	0	0	0	0	
H. L. Englebright Dam	44.33	0.02	T	0.03	0	0	0	11.21	5.90	10.80	0.76	12.66	12.32	1.63	3.92	0	T	0	0	0	0	0	0	0	0	
Hidden Valley Ranch	85.25	0.02	T	0.02	0	0	0	19.04	10.93	23.82	1.29	17.18	11.20	3.37	2.35	0	T	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	
Indian Rock	84.94	0.01	0	0.01	0	0	0	16.14	12.54	20.74	1.31	NR	NR	NR	NR	0	T	0	0	0	0	0	0	0	0	
Lake Spaulding Dam	71.80	0.08	0	0.06	0	0	0	15.90	10.79	18.58	1.11	10.72	10.58	1.35	2.63	0	T	0	0	0	0	0	0	0	0	
Nevada City	64.43	0.03	0	0.07	0	0	0	12.70	9.85	18.16	0.66	10.01	9.31	1.28	2.36	0	T	0	0	0	0	0	0	0	0	
Nevada City RS	57.85	0.01	0	0	T	0	0	12.04	7.76	13.95	0.89	10.35	8.61	1.58	2.66	0	T	0	0	0	0	0	0	0	0	
North Bloomfield	63.66	0.02	0	0	T	0	0	12.82	8.71	15.86	1.18	9.73	9.94	1.45	3.95	0	T	0	0	0	0	0	0	0	0	
North San Juan	51.80	0	0	0	0	0	0	11.36	13.38	16.54	0.28	8.31	9.17	0.95	2.62	0	T	0.02	0	0	0	0	0	0	0	
North San Juan 4 NE	51.00	T	0	0.01	T	0	0.01	11.24	6.99	13.73	0.90	10.25	8.86	1.14	2.36	0	T	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	
Oregon House 2 N	81.83	T	0	0.07	T	0.05	0.07	18.03	12.32	20.08	1.03	15.68	8.65	2.52	3.40	0	T	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	
Penn Valley	51.80	0	0	0.04	0	0	0	17.16	8.82	16.54	0.83	10.25	8.41	7.62	0.54	2.52	0	T	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
Rackerby	66.06	0.06	0	0.01	T	0	0	11.24	6.99	13.73	0.90	10.53	NR	NR	NR	NR	0	T	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
Russell Ranch	51.00	T	0	0.07	T	0.05	0.07	18.03	12.32	20.08	1.03	15.68	8.65	2.52	3.40	0	T	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	
Shady Creek	81.83	T	0	0.02	T	0.03	0.02	13.26	10.80	16.13	1.12	14.88	10.53	2.66	3.33	0	T	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	
Sierra City	94.38	0.05	T	0.03	0	0.02	0.02	20.93	13.54	25.57	1.13	15.57	11.53	2.66	3.00	0	T	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	
Soda Springs 1 E	80.02	0.03	T	0.03	0	0.02	0.02	17.28	13.13	20.12	1.12	15.75	11.44	10.80	2.29	3.00	0	T	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
Strawberry Valley	58.53	0.02	0	0.02	0	0.02	0	11.98	7.64	15.49	0.86	9.87	9.24	0.61	2.61	2.80	0	T	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
Washington Ridge	51.90	0.01	0	0.03	0	0.03	0	12.94	6.12	14.64	0.74	8.36	6.59	1.49	0.98	0	T	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	
Weimar 1 W	56.61	0	0.10	0	0	0.03	0	11.11	7.84	14.95	1.09	10.38	8.68	0.63	1.81	0	T	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	
Wolf Mountain	45.94	39.13	T	0	0	0.05	0.05	0	10.38	6.39	11.99	0.88	7.90	6.74	0.42	1.06	0	T	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
AMERICAN RIVER A7	56.73	45.82	RE	0	0	0.03	0.03	0	8.23	4.86	11.20	0.59	7.63	5.25	0.35	0.99	0	T	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
Applegate																										
Auburn																										
Auburn Div Forestry																										

TABLE A-2 (Cont.)
PRECIPITATION DATA

Station Name	Total July 1 June 30		1966						1967						Precipitation in Inches				Total Oct. 1 To Sept. 30	
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.					
SACRAMENTO RIVER BASIN																				
AMERICAN RIVER A7			0.18	0	13.04	12.35	18.83	1.23	13.93	13.83	2.85	2.75	0.01	0.11	0.92	79.84				
Blodgett Exp Forest	0.03	0	0.05	0	15.86	20.06	0.05	15.44	11.08	2.69	2.56	0.20	0.20	0.85	82.65					
Blue Canyon WBAP	0.02	0	0.03	T	9.04	9.18	15.28	0.96	9.59	10.32	1.74	2.25	0.12	0.57	59.05					
Camino Driver	0.06	0	0.06	0	12.44	8.44	16.59	0.64	10.87	9.34	1.18	3.49	0	0.70	63.69					
Colfax	0.02	T	0.07	0	10.71	7.86	14.66	0.76	9.89	8.67	1.04	2.19	T	T	0.68	56.46				
Colfax Fire Station	55.85	T																		
Coloma	42.20	0.11	0	0.03	0	7.60	5.79	10.55	0.58	7.42	7.22	0.85	2.05	0	T	0.13	42.19			
Cool	42.65	0.13	0	0.04	0	8.83	5.13	11.23	0.74	8.66	8.00	0.80	0.89	0	T	0.08	42.56			
E1 Dorado FFS	45.01	0.03	0	0.03	0	8.72	7.28	11.23	0.81	7.32	7.81	0.70	1.08	T	0.03	0.38	45.36			
E1 Dorado PH	62.82	0.01	0	0.02	0	9.31	9.50	15.13	1.17	11.17	12.08	2.28	2.15	0	T	0.03	63.37			
Folsom Dam	39.41	0	0.03	0	0.02	0	7.56	3.82	16.30	0.53	5.30	4.84	0.49	0.52	T	0.06	39.42			
Foresthill RS	64.68	0.04	0	0.04	0	10.97	8.91	16.30	1.04	13.19	10.39	1.48	2.32	0	T	0.18	64.78			
Fresh Pond	60.84	0	0	0.01	0.01	8.50	8.25	6.54	15.06	1.07	11.12	2.10	1.76	0	T	0.58	61.32			
Garden Valley 2 S	47.11	0.09	0.01	T	0.12	0.03	0	11.65	8.41	13.81	8.03	8.97	0.93	1.86	0	T	0.39	47.34		
Georgetown	60.44	0.12	0	0.03	0	0.03	0	11.99	10.34	17.61	1.21	10.75	9.85	1.42	1.70	0	T	60.29		
Georgetown RS	66.92	0.06	0.01	0.01	0	0.10	0	12.96	8.48	17.41	0.92	13.38	10.19	1.92	2.30	0	T	0.22	67.04	
Gold Run	68.71	0.05	0	0.10	0	11.77	8.47	14.80	0.99	11.19	9.34	9.44	2.12	1.42	0	T	0.59	69.15		
Iowa Hill	60.15	0.01	T	0.03	0	9.80	10.99	16.63	0.89	13.83	12.39	8.89	2.12	1.94	0.21	1.26	0.86	60.60		
Jay Bird PH	65.37	0	0	0.27	0	7.48	5.92	14.94	0.59	11.65	11.65	0.59	0.30	0.76	T	0	0.09	55.28		
Kyburz Strawberry	58.66	0.12	0	0.27	0	7.69	3.75	9.96	0.68	6.61	5.44	0.30	0.70	1.56	T	0.08	47.51			
Long Valley Orchard	35.29	0.07	T	0.03	0	8.23	7.03	12.30	0.91	7.73	8.97	0.70								
Michigan Bluff	56.05	0	0	0	0	9.46	8.19	14.14	0.68	11.75	8.22	1.72	1.89	0	0	0.15	56.20			
Mount Danaher	57.11	0.03	0	0.07	0	0.20	0.05	7.98	13.85	1.29	9.80	11.18	1.74	2.21	0	0.05	57.53			
Pacific House	59.97	0.03	0	0.10	0.03	0	6.91	9.32	11.76	0.99	11.75	12.74	2.64	2.14	0	0.16	60.35			
Pearvine Ridge	58.16	0	0	0.10	0.02	0	8.23	7.03	12.30	0.91	7.73	8.97	1.33	1.84	0	0.15	58.78			
Placerville	47.58	0.10	0.02	0	0.03	0	8.23	7.03	12.30	0.91	7.73	8.97	0.70	1.56	T	0.08	47.51			
Placerville I FG	51.15	0.06	0	0.07	T	8.81	7.43	13.67	0.76	8.50	9.09	1.35	1.81	0	0	0.16	51.58			
Placerville Disp Pnt	43.51	0.08	0	0.03	0	8.09	8.09	12.43	0.55	7.92	7.65	4.52	4.42	0.71	0.38	0	0	43.40		
Represa	29.87	0.06	0	0.03	0	0.10	0.03	7.98	3.49	8.58	0.55	4.52	4.42	0.71	0.38	0	0.06	29.84		
Robbs Peak PH	64.44	0	0	0.10	0.03	T	9.35	8.01	13.90	0.70	15.20	11.40	1.40	1.60	0	0.80	1.10	66.34		
Todd Valley	56.94	0.02	T	0.05	T	9.15	10.45	16.59	0.70	16.60	12.20	2.53	1.98	1.85	T	0.15	57.02			
Twin Lakes	71.00	0.08	0.60	0.12	0	9.15	6.20	7.79	0.55	7.82	7.21	0.14	2.15	1.87	0	0.06	1.45	73.94		
Union Valley		0	0	0.09	0.05	T	0	RE									0.99			
Volcanoville		0.05	T	0	0															

TABLE A-2 (Cont.)
PRECIPITATION DATA

Station Name	1966												1967												
	Total July 1 To June 30	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total Oct. 1 To Sept. 30								
SACRAMENTO RIVER BASIN																									
CACHE CREEK A8																									
Adobe Creek	57.77	0	0.15	0.11	0	12.33	10.64	14.91	0.37	10.11	7.30	0.32	0	0	0	0	0.05	0	0	0.05	57.56				
Brooks Farmham Rch	31.13	0.04	0.18	0.73	0	6.81	4.30	9.85	0.48	3.71	4.30	0.04	2.97	0	0	0	0.15	0	0	0.13	30.95				
Capay 4 W	34.93	0.07	0.14	0.06	0	7.15	6.50	4.28	0.28	5.29	4.66	0.12	2.09	0	0	0	0.11	0	0	0.11	34.94				
Clearlake Highlands	31.01	0	0.39	0.17	0	6.98	4.56	7.88	0.28	6.03	3.51	0.18	1.39	0	0	0	0	0	0	0	0	30.56			
Clearlake Oaks 7 E	0	0.45	0.04	0					0.25	6.81	5.20	RE													
Cobb	99.12	0	0.41	0.24	0	23.68	16.55	24.41	0.62	18.92	8.89	0.52	3.88	0	0	0.05	0.05	0	0	0.05	98.57				
Cobb 2 NW	74.44	0	0.39	0.17	0	8.79	6.96	10.77	0.41	7.57	3.83	0	3.97	0	0	0	0.03	0	0	0.07	74.08				
Cunningham	40.20	0	0.25	0.05	0	5.32	4.44	8.50	0.50	1.85	5.15	0.25	1.20	0	0	0	0	0	0	0	0.05	39.95			
Finley 1 NNE	27.21	0	0	0.05	T	6.94	5.72	9.18	0.42	6.32	3.09	0.06	1.46	0	0	0	0	0	0	0	0.05	27.21			
Finley 1 SSE	33.49	0	0.25	0.05	T	0																			33.24
Finley 5 SW	47.58	0	0.26	0.09	0	9.37	8.54	10.79	0.49	8.74	5.90	0.51	1.89	0	T	0.03	47.26								
H Bar H	57.06	0	0.38	0	1.01	T	7.02	6.15	16.75	0.27	5.98	4.25	0.24	1.70	0	NR	0	0	0	0	0.05	37.00			
High Valley Mitchell	38.28	T	0.32	1.01	0.30	0	18.00	12.82	18.21	0.55	13.27	6.58	0	3.44	0	0	0	0	0	0	0	0	0	72.92	
Hobergs	73.62	0	0.15	0.22	0.15	0	8.95	7.70	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
Hopland 8 NE																									
Kelseyville	33.06	0	0.24	0.05	0	6.34	5.59	9.19	0.37	6.25	3.42	0.22	1.39	0	0	0	0.06	0	0	0	32.83				
Kelseyville 2 N	29.86	0	0.30	0.06	0.01	0.01	6.58	4.21	8.23	0.41	5.80	3.65	0.18	1.34	0	0	0	0	0	0	0	0	0	29.56	
Lakeport 3 W	36.07	0	0.29	0.11	0.09	0	6.59	5.51	10.79	0.35	6.21	3.96	0.21	2.04	0	0	0	0	0	0	0	0	0	35.73	
Lakeport USCS	42.48	0	0.31	0.23	0	0	8.73	6.16	6.42	0.29	0.40	6.84	0.32	2.20	0	0	0	0	0	0	0	0	0	42.08	
Leesville Keegan Rch	0.10	0.25	0.05	0.11	T	0	NR	0	NR	10.20	0.21	3.83	3.70	0.11	3.03	0	0	0.23	0	0	0	0	0	0	32.19
Long Valley Garner	40.31	0	0.38	0.20	0.20	0	2.89	6.71	9.13	0.27	7.63	5.31	0.14	1.88	0	0	0	0	0	0	0	0	0	39.80	
Lower Lake	34.18	T	0.31	0.13	0.13	0	14.12	9.96	15.92	0.33	10.31	5.31	0.07	1.59	T	0	0	0	0	0	0	0	0	33.70	
Mahnke	59.09	0	0.06	0.35	0.13	0	10.81	7.31	11.95	0.34	7.84	7.11	0.56	2.17	T	0	0.04	0	0	0	0	0	0	58.65	
Morgan Vly Stanley	48.63	0	0.07	0.17	0.18	0	7.79	5.11	11.34	0.57	6.16	5.38	0.06	2.31	T	0	0.13	0	0	0	0	0	0	48.16	
Rumsby 1 NW	39.14	0	0.07	0.17	0.24	0.02	0.02	8.92	7.14	11.37	0.60	6.89	4.20	0.24	1.40	0	0	0	0	0	0	0	0	38.85	
Upper Lake 7 W	48.94	0	0.21	0.38	0.01	0.06	0	8.71	4.84	10.86	0.57	6.45	4.74	0.05	2.04	0	0	0	0	0	0	0	0	42.16	
Upper Lake RS	42.51	0	0.10	0.16	0.16	0	0										0.02								
Winters Scott Rch	38.59	0	0.11	0.10	0.16	0.16	0	0																	
PUTAH CREEK A9																									
Berryessa Lake	37.21	0.05	0.23	0.12	0.35	0	7.79	4.57	11.48	0.42	5.70	5.17	0.08	1.60	0	0	0.16	0	0	0	0	0	0	36.97	
Middletown 7 NW	56.55	0	0.43	0.15	0.40	0	22.39	15.53	27.28	0.19	9.80	6.82	0.22	2.10	0	0	0.13	0	0	0	0	0	0	55.94	
Middletown 4 WSW	96.57	0	0.32	0.23	0.24	0	22.10	13.33	25.58	0.57	17.25	9.64	RE	3.15	0	0	0.20	0	0	0	0	0	0	96.05	
Monticello Dam	42.42	0.09	0.10	0.11	0.16	0.16	8.52	5.16	12.60	0.51	7.24	5.67	0.57	2.08	0.07	0	0.10	0	0	0	0	0	0	42.03	
Pleasant Valley	46.84	0	0.29	0.16	0.16	0	10.17	6.59	14.19	0.50	7.57	5.14	0.04	2.22	T	0	0.06	0	0	0	0	0	0	46.58	
Saint Helena 7 NE	48.24	0	0.29	0.16	0	9.84	6.37	14.89	0.40	7.35	5.78	0.31	2.85	0	0	0.12	0	0	0	0	0	0	0	47.91	

TABLE A-2 (Cont.)
PRECIPITATION DATA

Station Name	Total July 1 To June 30	1966												1967												Total Oct. 1 To Sept. 30	
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.											
SAN JOAQUIN RIVER BASIN																											
SAN JOAQUIN VALLEY FLOOR B0																											
Bellota Andderson	25.29	0.08	0	0	0	0	0	3.87	3.80	0.52	3.12	6.50	0.25	0.31	0	0	0	0	0	0	0.07	25.28	28.11				
Buena Vista	25.30	0.19	0.01	0.01	0	0	0	4.23	4.34	0.54	4.59	6.50	0.42	0.79	0	0	0	0	0	0	0	0.03	25.42	25.42			
Camanche Dam	25.71	0.11	0	0.03	0	0	0	4.49	4.01	0.65	4.73	4.20	4.34	0.64	0.33	0	0	0	0	0	0	0.06	22.18	22.18			
Camanche North Sta.	22.60	0.45	0	0.60	0	0	0	3.71	3.38	5.46	6.64	4.20	4.39	0.23	0.61	0	0	0	0	0	0	0.03	25.76	25.76			
Camanche South Sta.	26.00	0.21	0	0.06	0	0	0	3.97	4.11	6.57	0.50	4.27	5.16	0.41	0.74	0	0	0	0	0	0	0.03	25.76	25.76			
Central Vly Hatchery	24.89	0.05	0	0.02	0	0	0	5.71	3.22	7.62	0.45	3.60	3.59	0.97	0.56	0	0	0	0	0	0	0.03	24.85	24.85			
Clay 1 NW	21.91	0.02	0	0.02	0	0	0	4.31	2.99	5.77	0.95	3.15	4.15	0.14	0.41	0	0	0	0	0	0	0.03	21.90	21.90			
Clements	22.71	0.10	0	0.05	0	0	0	4.51	3.43	6.11	0.75	4.13	3.78	0.38	0.52	0	0	0	0	0	0	0.04	23.65	23.65			
Elk Grove F D	23.11	0.05	0	0.02	0	0	0	5.59	2.95	7.55	0.32	3.28	2.97	0.21	0.17	0	0	0	0	0	0	0.03	23.07	23.07			
Elliott	24.40	0.02	0	T	0	0	0	4.77	3.65	6.21	0.79	3.95	3.85	0.16	0.60	0.01	0	0	0	0	0	0.05	24.44	24.44			
Galt	26.23	0.04	0	T	0	0	0	5.62	3.55	7.25	1.27	3.98	3.90	0.99	0.53	0	0	0	0	0	0	0.03	26.22	26.22			
Galt Water District	25.42	0.03	0	0	0	0	0	5.57	3.47	7.07	1.24	3.27	3.48	0.30	0.29	RE	0	0	0	0	0	0	0.03	23.90	23.90		
Herald FS	23.92	0.02	0	0	0	0	0	4.57	2.95	6.70	1.23	3.23	3.38	0.20	1.25	0	0	0	0	0	0	0.02	24.97	24.97			
Hunt Ranch	22.03	0.08	0	0	0	0	0	3.74	3.77	6.24	0.41	3.24	3.48	0.51	0.66	0	0	0	0	0	0	0.03	29.00	29.00			
Ione	29.07	0.06	0	0.04	0	0	0	4.63	4.25	7.35	0.86	4.78	5.99	0.44	0.67	0	0	0	0	0	0	0.03	29.00	29.00			
Ione 2 NW	36.50	0.21	T	0	0	0	0	5.85	5.12	11.62	0.65	5.46	6.26	0.68	0.65	T	0	0	0	0	0	0	0.04	36.33	36.33		
Jenny Lind 3 SW	19.19	0.02	0	0.01	0	0	0	3.77	3.75	6.33	0.42	6.22	6.59	0.54	0.70	0	0	0	0	0	0	0.03	19.00	19.00			
KIOY Radio	22.62	0.04	0	0	0	0	0	3.61	3.04	6.85	0.55	2.76	2.76	0.23	0.29	0.07	0	0	0	0	0	0	0.06	22.70	22.70		
Linden F S	22.64	0.01	0	0.04	0	0	0	4.53	3.59	6.11	0.61	3.31	3.82	0.26	0.36	0	0	0	0	0	0	0.06	22.65	22.65			
Linn Ranch	24.06	0.02	T	0	0.02	0	0	4.23	3.60	6.49	0.49	4.41	4.08	0.24	0.48	T	0	0	0	0	0	0	0.05	24.07	24.07		
Lockeford 5 ESE	25.11	0.03	0	0.04	0	0	0	4.30	4.23	6.62	0.69	3.68	4.53	0.37	0.51	T	0	0	0	0	0	0	0.06	25.05	25.05		
Lodi S P	23.86	0.09	T	0	0.02	0	0	5.24	3.59	7.09	0.41	4.18	2.88	0.09	0.39	T	0	0	0	0	0	0	0.04	23.81	23.81		
Lodi 3 W	24.47	0.04	0	0.04	0	0	0	5.32	2.85	6.50	0.38	4.53	4.20	0.15	0.50	0	0	0	0	0	0	0.02	24.45	24.45			
Lodi Thompson Rch	22.16	0.11	0	0.04	0	0	0	5.17	3.09	6.16	0.53	3.29	3.23	0.06	0.48	0	0	0	0	0	0	0.01	22.02	22.02			
Marshall Ranch	22.65	0.34	0	0.04	T	0	0	4.23	3.77	6.96	0.45	3.06	4.06	0.31	0.31	0	0	0	0	0	0	0.05	22.70	22.70			
Milton	27.16	0.34	0	0.10	0	0	0	3.20	3.90	6.40	0.51	3.08	3.87	0.45	0	0	0	0	0	0	0	0.09	26.91	26.91			
Osipital Ranch	24.00	0.47	0	0.15	0	0	0	5.89	3.51	7.17	0.65	3.12	3.08	0.06	0.33	0	0	0	0	0	0	0	0.02	23.90	23.90		
Sac Co Boys Rch	26.88	0.10	0	0.02	0	0	0	3.41	3.41	7.95	0.64	4.53	3.01	0.28	0.28	0	0	0	0	0	0	0	0	0	0	0	
Sloughhouse 1 SW	33.18	T	0	0	0	0	0	7.76	4.22	9.41	0.78	5.50	4.42	0.41	0.68	0	0	0	0	0	0	0.04	33.22	33.22			
Show Ranch	20.53	0.05	0	0	0	0	0	3.46	3.81	5.58	0.62	3.22	6.43	0.40	0.96	0	0	0	0	0	0	0	0	0	0	0	
Stockton WBAP	20.68	0.14	0	0.04	0	0	0	3.63	3.86	6.80	0.33	2.94	2.81	0.18	0.07	0	0	0	0	0	0	0.03	20.55	20.55			
Stockton FS 4	21.04	0.02	0	0.04	0	0	0	3.99	3.70	5.87	0.11	3.74	3.39	0.04	0.25	0	0	0	0	0	0	0.02	21.06	21.06			
Valley Springs 6 SW	26.79	0.08	0	0.02	0	0	0	3.90	7.10	7.10	0.37	3.74	6.67	0.47	0.74	0	0	0	0	0	0	0.02	26.71	26.71			
Wallace 1 SE	27.97	0.07	0	0.03	0	0	0	4.16	4.25	6.80	0.43	3.94	6.30	0.41	0.68	0	0	0	0	0	0	0.01	26.98	26.98			
White Rock	31.22	0.13	0	0.03	0	0	0	6.74	3.68	7.99	1.06	5.11	5.33	0.60	0.55	0	0	0	0	0	0	0.05	31.18	31.18			
Youngstown	26.03	0.03	0	0.07	0	0	0	4.63	5.47	7.08	0.94	3.84	3.30	0.60	0.07	0	0	0	0	0	0	0.05	26.01	26.01			

TABLE A-2 (Cont.)
PRECIPITATION DATA

Station Name	1966												1967						Total Oct. 1 To Sept. 30
	Total July 1 To June 30	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.			
SAN JOAQUIN RIVER BASIN																			
COSUMNES RIVER B1																			
Cedaryville Tree Fm	52.01	0.07	0	0.04	0.04	T 0	6.87	7.84	12.35	0.86	9.91	11.62	1.26	1.19	T 0	0.32	52.22		
D'Agostini Winery	41.71	0.11	0	0.02	T 0	6.44	5.82	9.56	0.69	7.49	8.87	1.04	1.65	1.50	T 0	0.14	41.70		
Diamond Springs	44.51	0.02	0	0	0	7.62	6.47	8.09	0.94	7.62	8.38	0.65	0.50	0	0	0	44.47		
Drytown Vairia Ranch	31.24	0	0	0.07	0	5.24	4.30	8.09	0.51	5.68	6.92	0.50	0	0	0	0	31.24		
Fiddletown Lynch	50.04	0.08	0	0.07	0	6.57	7.57	11.09	0.96	8.48	12.50	1.05	1.67	0	0	0	50.03		
Grizzly Flats																			
Lahman Ranch	36.13	0.19	0.10	0.20	0	8.60	10.10	12.80	1.00	NR	NR	0.58	0.63	0	0	0	0.90		
Logtown Ridge	39.15	0.08	0	0.04	T 0	7.30	4.20	10.34	1.09	5.25	6.51	0.53	0.32	0	0	0	0.10	36.00	
Pine Grove Cons	54.14	0.08	0	0.03	T 0	6.79	4.31	10.66	0.93	6.56	7.94	1.30	1.32	1.20	0	0	0.23	39.27	
Plymouth 3 NE	37.62	0.11	0	0.12	0	5.92	5.43	9.35	0.68	6.69	7.07	1.05	1.20	0	0	0	0.04	54.02	
Plymouth 6 WNW	34.09	0.14	0	0.06	0	5.94	3.64	9.20	0.66	5.98	7.70	0.30	0.47	0	0	0	0.05	33.94	
River Pines	44.93	0.14	0	0.04	0	6.25	6.38	10.58	0.64	8.06	8.88	0.88	1.72	T 0	0	0	0.10	44.85	
Shingle Springs	42.32	0.09	0.02	T 0	0.11	7.79	9.31	13.27	1.15	11.21	13.17	1.74	1.89	0	0	0	0.20	42.40	
Sly Park	59.66	0.02	0	0.05	T 0	7.61	7.85	12.61	0.91	9.45	10.57	1.76	0.92	0	0	0	0.60	60.17	
Somerset 5 ESE	51.80	0.05	T 0	0.07	0												0.39	52.09	
MOKELUMNE-CALAVERAS RIVERS B2																			
Altaville GDF	38.60	0.03	0	0.03	0	6.72	6.63	6.75	0.79	6.17	9.33	0.94	1.21	0	0	0	0.07	38.61	
Calaveras Big Trees	73.57	0.14	0	0.11	0	11.19	12.48	14.38	1.04	16.10	14.24	2.24	1.65	T 0	0	0	0.97	74.29	
Camp Pardee	31.70	0.06	0	0.01	0	4.24	4.71	7.76	0.53	5.34	7.55	0.43	1.07	0	0	0	0.05	31.68	
Double Springs Ranch	34.07	0.05	0	0	0	5.52	5.46	7.95	0.56	4.55	8.80	1.28	1.90	0	0	0	0.13	34.15	
Electra PH	42.12	0.10	0	0.03	0	5.37	6.46	10.37	0.66	6.97	10.09	0.95	1.12	0	0	0	0.08	42.07	
Hogan Dam	31.07	0.07	0	0.04	0	4.43	4.25	6.95	0.48	4.67	8.34	0.58	1.26	0	0	0	0.04	31.00	
Jackson 1 NW	36.39	0.08	0	0.05	0	4.95	5.54	8.45	0.54	6.03	8.88	0.59	1.28	0	0	0	0.04	36.30	
Mokelumne Hill 5 E	40.57	0.13	0	0.01	0	5.15	5.15	6.58	9.43	0.97	5.34	10.64	1.03	1.29	0	0	0.06	40.49	
Mountain Ranch 2 NW	48.93	0.09	0	0.03	0	7.12	8.12	10.66	0.83	8.72	11.01	1.10	1.04	1.07	0	0	0.09	47.67	
Murphys 2 N	51.11	0	0	0	0	8.56	8.46	10.07	0.83	8.66	11.96	1.38	1.19	0	0	0	0.26	51.37	
Preston School	29.66	0.21	0	T 0	0	4.69	4.15	7.49	0.72	5.22	5.96	0.71	0.51	0	0	0	0.04	29.49	
Railroad Flat	53.16	0.12	0.12	0	0	8.00	8.18	11.70	1.15	8.57	13.19	1.16	0.97	0	0	0	0.16	53.08	
Railroad Flat ADR	51.50	0.10	0	0	0	8.00	8.30	11.90	0.60	9.40	11.10	1.30	0.80	0	0	0	0.20	51.60	
Salt Springs PH	60.97	0.16	0.02	0.33	0	9.27	10.09	12.96	0.61	12.76	11.23	2.62	0.92	0	0	0.15	2.21	63.42	
San Andreas 2 S	40.57	0.08	T 0	0.01	0	5.86	5.72	10.13	0.78	6.25	9.76	0.68	1.30	0	0	0	0.06	40.54	
San Andreas RS	40.50	T 0	0	0	0	5.60	6.20	9.76	0.78	6.39	9.76	0.63	1.38	0	0	T 0	0.50	40.50	
Sheep Ranch	49.50	0.10	0	0.01	0	5.75	6.29	10.08	0.85	6.24	9.68	0.59	0.76	0	0	0	0.07	40.31	
Sutter Hill RS	39.95	0.17	0	0.03	0	8.60	8.00	9.40	0.50	9.30	11.50	1.40	1.70	0	0	0	0.30	49.70	
						5.98	5.74	9.84	0.50	5.58	10.11	0.70	1.30	0	0	0	0.03	39.78	

TABLE A-2 (Cont.)
PRECIPITATION DATA

Station Name	1966												1967												Total Oct. 1 To Sept. 30
	Total July 1 To June 30	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.									
SAN JOAQUIN RIVER BASIN																									
MOKEJUNNE-CALAVERAS RIVERS B2																									
Tiger Creek PH	62.46	0.17	0	0.15	0	8.26	11.20	13.44	0.96	11.59	13.64	1.60	1.45	0	0	0.50	62.64								
Valley Springs	21.94	0.11	0	0.08	0	3.89	4.42	8.90	0.74	4.59	7.46	0.66	1.17	0	0	T	31.83								
West Point 3 SW	34.00	0.13	0	0.05	0	7.05	9.58	11.96	0.87	8.59	12.39	1.80	1.55	0	0	0.14	53.93								
Wilseyville Schaads	0.10	0	0.05	0	8.54	9.04	11.91	0.88	11.10	14.46	NR	NR	NR	NR	0	0.95									
SAN JOAQUIN VALLEY WESTSIDE B8																									
Altamont 4 E	16.92	0.25	0	0.10	0	2.67	2.44	5.13	0.14	3.20	2.18	0.15	0.66	0	0	0	16.57								
Antioch PP 3	18.41	0.20	0.03	0.08	0	3.26	2.53	8.29	0.29	3.49	2.61	0.06	0.61	T	0	0.01	18.11								
Brentwood 6 SW	24.73	0.15	0	0.09	0	4.07	3.32	6.31	0.14	4.62	5.53	0.20	0.32	0	0	0.04	24.53								
Meganos Pump Sta	20.55	0.22	T	0.05	0	3.28	3.31	6.36	0.21	4.17	2.47	0.17	0.31	0	0	0	20.28								
Pittsburgh Dow Chem	20.44	0.13	0	0.06	0.12	3.09	2.35	6.62	0.21	3.61	3.10	0.26	0.89	0	0	0.02	20.15								
SACRAMENTO-SAN JOAQUIN DELTA B9																									
Antioch Fibreboard	18.25	0.17	0.01	0.02	0	3.35	2.66	5.58	0.32	2.82	2.54	0.14	0.64	0	0	0.04	18.09								
Brannan Island	21.29	0.27	0.16	0	0.07	0	3.38	3.00	5.51	0.75	2.94	2.65	0.05	0.96	0	0.05	20.91								
Brentwood	19.17	0.22	0	0.04	0	4.51	3.82	7.84	0.31	3.19	2.80	0.04	0.46	0	0	0	18.88								
Clarkburg	24.77	0.11	T	0	0	4.51	3.82	7.52	0.58	3.66	3.37	0.02	0.78	0	0	0.03	24.65								
Grand Island RD 3	24.90	0.07	0	0	0	5.40	3.27	5.83	0.45	4.34	3.27	0.03	0.19	0	0	0	22.78								
Holt 2 ESE	22.82	0.15	0	0.04	0	4.48	3.23	5.59	NR	3.55	3.26	0.10	NR	0	0	RE	34.33								
Istleton	34.57	0.24	T	0	0	5.35	2.97	13.45	0.75	5.35	5.40	0	1.06	0	0	0	23.57								
Dixon Voice America	23.71	0.14	0	0	0	4.78	3.34	6.97	0.75	3.43	3.44	0	0.86	0	0	0	23.72								
Rio Vista 4 NW	23.79	0.15	0.07	0.15	0	4.58	2.84	7.19	0.75	3.48	3.36	0.07	0.85	0	0.21	0.09									
Stockton Disp Plt	21.10	0.15	0	0.03	0	4.35	3.95	5.66	0.32	3.44	2.79	0.36	0.05	0	0	0.03	20.95								
Thornton 3 SSE	22.77	0.13	0	0.04	T	1.69	3.50	4.84	2.00	3.65	3.23	0.06	0.44	0	0	0	22.60								
Tracy Carbona	12.39	0.23	0	0	0	1.69	1.77	3.85	0.15	1.87	2.38	0.01	0.44	0	0	T	12.16								
Tracy Fire Station	12.27	0.19	0	0.02	0	1.98	2.04	3.43	0.36	1.70	2.13	0.11	0.31	0	0	0.03	12.09								
Tracy Pump Plant	18.17	0.25	0	0.06	0	3.21	2.93	5.27	0.24	3.11	2.53	0.02	0.55	0	0	0	17.86								
Tracy S P	13.61	0.18	0	T	0	1.86	2.02	4.26	0.33	1.89	2.74	0	0.33	0	0	0.08	13.51								
Tracy 2 SSE	11.81	0.20	0	0	0	1.64	1.61	3.56	0.20	1.79	2.40	0.08	0.33	0	0	0	11.61								
Union Island	20.84	0.20	T	0.09	0	3.56	3.16	6.03	0.59	3.24	3.38	0.05	0.54	0	0	0.06	20.61								
Walnut Grove	25.88	0.13	NR	0.02	0	4.86	3.06	7.40	0.49	3.10	2.77	0.05	0.58	0	0	0	0	0	0	0	0	0	0.03	25.76	
Walnut Grove Leary																									

TABLE A-2 (Cont.)
PRECIPITATION DATA

Station Name	1966												1967												Total Oct. 1 To Sept. 30	
	Total July 1 To June 30	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.										
NORTH LAHONTAN AREA																										
SURPRISE VALLEY G1	13.26	0.43	0.39	0.26	0.13	2.34	1.87	2.58	0.35	0.92	1.46	1.41	1.12	0.19	0.11	0.15	12.63	1.17	0.17	0.15	0.17	0.17	0.17	0.17	12.63	
Cedarville Hansen	9.64	0.26	0.28	0.34	0.81	1.94	0.81	1.33	0.13	0.48	1.10	1.16	1.00	0.30	0.08	0.05	9.31	0.36	0.36	0.36	0.36	0.36	0.36	0.36	9.31	
Cedarville 12 SE	9.08	0.57	0.39	0.31	0.0	1.02	0.67	1.23	0.08	0.47	1.34	1.04	1.96	0.44	0.05	0.05	8.66	0.20	0.20	0.20	0.20	0.20	0.20	0.20	8.66	
Eagleville 2 SE	11.56	0.41	0.53	0.20	0.13	2.65	1.28	2.09	0.31	0.92	0.51	0.51	1.58	0.65	0.65	0.0	11.19	0.20	0.20	0.20	0.20	0.20	0.20	0.20	11.19	
Eagleville 2 S	12.59	0.41	0.53	0.27	0.19	2.84	1.74	1.96	0.47	0.93	0.74	1.17	1.34	1.34	1.34	1.34	1.34	11.19	0.20	0.20	0.20	0.20	0.20	0.20	0.20	11.19
Fort Bidwell	17.50	0.30	0.72	0.58	0.49	3.62	1.75	3.80	0.44	1.43	2.19	0.86	1.32	0.32	0.15	0.11	16.48	0.11	0.11	0.11	0.11	0.11	0.11	0.11	16.48	
MADELINE PLAINS G2																										
Madeleine H M S	16.68	0.53	0.06	0.58	0.02	2.43	1.22	3.44	0.75	0.97	2.87	1.47	2.34	0.23	0.18	0.45	16.37	0.24	0.24	0.24	0.24	0.24	0.24	0.24	16.37	
Ravendale Jim Marr	11.89	0.19	0	0.29	0	2.44	1.45	2.19	0.12	0.90	1.92	1.76	1.76	0.75	0.75	0.25	12.65	0.25	0.25	0.25	0.25	0.25	0.25	0.25	12.65	
Ravendale Harry Marr																										
Ravendale 5 ESE	12.58	0.38	0	0.12	0	1.97	1.37	2.20	0	0.69	0.93	0.59	0.59	0.76	0.76	0.43	0.07	0.15	0.15	0.15	0.15	0.15	0.15	0.15	12.58	
Termo 6 SW	12.44	0.43	0.05	0.17	0	2.16	1.39	2.24	0.14	1.14	2.44	0.73	1.55	0.14	0.14	0.13	0.21	12.27	0.21	0.21	0.21	0.21	0.21	0.21	0.21	12.27
EAGLE LAKE G3																										
Eagle Lake Nelson	23.07	0.21	0.02	0.04	0.04	4.22	2.44	7.55	0.35	4.24	1.61	0.98	1.37	0.07	0.07	0.05	0.15	23.07	0.15	0.15	0.15	0.15	0.15	0.15	0.15	23.07
SUSAN RIVER G4																										
Fleming Fish & Game	13.80	0.28	0.03	0.13	0	2.12	2.29	3.37	0.08	1.78	1.06	0.52	2.14	0.19	0.19	0.19	13.80	0.19	0.19	0.19	0.19	0.19	0.19	0.19	13.80	
Janesville Fletcher																										
Lassen Conser. Ctr.	15.10	0.19	0.18	0.10	0	2.53	2.58	5.08	0.12	5.53	1.18	2.18	RE	T	T	T	15.16	0.53	0.53	0.53	0.53	0.53	0.53	0.53	15.16	
Secret Valley	12.15	0.13	0.08	0.08	0	2.41	1.72	2.03	0.18	5.76	0.61	0.46	1.29	1.51	0.35	0.30	12.74	0.21	0.21	0.21	0.21	0.21	0.21	0.21	12.74	
Standish 1 E	13.80	0.04	0.08	0.08	0	2.14	2.14	3.86	0.18	1.27	1.14	1.04	0.44	2.54	0.19	0.24	14.34	0.31	0.31	0.31	0.31	0.31	0.31	0.31	14.34	
Susanville Airport	20.34	0.39	0.15	0.21	0	2.93	2.33	5.14	0.24	4.05	1.18	1.16	2.56	0.45	0	0	20.39	0.35	0.35	0.35	0.35	0.35	0.35	0.35	20.39	
Susanville 1 NW	23.59	0	0.39	0.07	0	4.12	3.19	5.83	0.40	5.31	0.27	3.94	0.97	0.29	0.29	0	23.67	0.25	0.25	0.25	0.25	0.25	0.25	0.25	23.67	
Susanville Courtse																										
Wendel 1 E	12.22	0.11	0	0.07	0	4.91	3.55	3.28	0.07	3.09	1.01	1.30	2.01	0.27	0.27	0	22.27	0.17	0.17	0.17	0.17	0.17	0.17	0.17	22.27	
Willow Cr Murrer R	20.10	0.20	0.02	0.20	0	4.94	1.17	6.12	0.18	3.13	1.37	0.96	1.81	0.27	0.27	0	20.25	0.22	0.22	0.22	0.22	0.22	0.22	0.22	20.25	
HERLONG G6																										
Doyle 5 SSE	18.56	0.03	0	0.10	0	3.14	3.00	5.60	0.21	2.69	1.42	0.94	0.94	0.37	0.37	0.34	19.44	0.70	0.70	0.70	0.70	0.70	0.70	0.70	19.44	
Herlong S.O.D.	27.32	0.13	T	0.11	0.03	4.66	4.50	8.70	0.30	3.62	1.68	1.64	1.64	1.64	0.51	0.51	28.89	0.70	0.70	0.70	0.70	0.70	0.70	0.70	28.89	
Long Vil Insp Sta	9.65	0	0	T	0	2.06	1.25	1.56	T	1.35	0.75	1.33	1.33	1.33	0.55	0.55	10.35	0.13	0.13	0.13	0.13	0.13	0.13	0.13	10.35	
Long Vil Insp Sta	14.49	0.21	0.31	0.28	T	2.25	2.19	3.76	0.19	2.63	1.13	0.87	0.87	0.87	0.67	0.67	14.93	0.85	0.85	0.85	0.85	0.85	0.85	0.85	14.93	
Milford	25.08	0.13	0.42	0.10	0	5.00	3.80	8.97	0.16	3.09	0.67	0.79	0.79	0.79	0.11	0.11	24.78	0.03	0.03	0.03	0.03	0.03	0.03	0.03	24.78	

TABLE A-2 (Cont.)
PRECIPITATION DATA

Station Name	1966												1967												Total Oct. 1 To Sept. 30	
	Total July 1 June 30	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.										
NORTH LAHONTAN AREA																										
HERLONG G6	0.15	0.12	0.12	0.12	0.10	0.10	4.85	3.89	8.93	0.16	4.37	1.38	2.07	1.47	0.26	0.08	0.26	27.72	24.15	0.07	0.40	0.10	10.83	11.34		
Milford Laufman RS	27.51	0	0	0	0	0	4.76	3.69	8.72	0.07	2.73	0.77	1.30	1.77	0.17	0.39	0	0	0	0	0.40	0.10	0.10	11.34		
Otis Canyon	23.91	0	0	0	0	0	1.54	2.26	1.68	0	1.26	1.00	0.94	1.00	0.39	0	0	0	0	0	0	0	0	0		
Stacy	10.25	0	0	0	0	0	1.62	2.25	2.13	0	1.80	1.29	0.78	1.04	0.28	0.28	0.05	0.05	0.05	0.05	0.10	0.10	0.10	0.10		
Wendel 10 SE	11.05	0	0	0	0	0																				
TRUCKEE RIVER G7																										
Boca	0.20	0	0.25	0	0.15	0.15	4.42	4.55	9.50	0.21	6.90	2.99	1.11	1.79	0.24	0.81	0.95	33.47	35.80	0.15	1.22	1.27	31.38	31.82		
DL Bliss State Park	54.49	T	0	0.32	0.04	0	5.39	8.90	13.15	0.30	12.53	10.80	1.37	1.58	0.48	0.15	0.15	0	0	0	0	0	0	0	0	
Donner Memorial SP	59.73	0.15	0	0	0.04	0	8.75	9.28	16.33	0.38	15.03	6.31	1.55	1.91	0.08	0.50	0.50	0	0	0	0	0	0	0	0	
Glenbrook, Nevada	30.37	0.09	0	0.56	0.04	RE	2.45	4.20	10.77	0.11	6.88	3.37	0.60	1.30	0.62	0.21	0.21	0	0	0	0	0	0	0	0	
Meyers 4 SW	0	T																								
Meyers Insp. Sta.	0.05	T	0.30	0.02	7.12	9.18	12.20	0.39	13.66	7.09	1.46	11.79	6.88	1.76	1.09	1.79	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72		
Meyers R S	48.96	0.05	T	0.30	0.03	6.63	8.79	11.54	NR	NR	NR	NR	NR	1.47	1.02	0.04	1.64	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	
Mt. Rose Highway S.	0	0.70	0	0.64	0.01	0.01																				
Reno, Nevada	8.69	T	0.02	0.10	T	1.07	1.45	2.11	T	1.93	0.95	0.47	0.59	0.57	1.22	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82		
Sagehen Creek	49.72	0.08	2.07	0.20	0.01	9.42	6.77	12.93	0.53	10.89	4.25	1.47	1.05	0.33	1.75	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95		
Squaw Valley	80.12	0.10	0	0.63	0.15	14.14	15.74	14.28	0.77	18.57	10.01	2.91	2.82	0.02	0.69	1.54	81.64	81.64	0.53	0.53	0.53	44.88	44.88			
Tahoe City	44.05	0.07	0	0.48	0.08	6.15	7.36	11.40	0.44	10.95	14.27	1.43	1.42	0	0	0	0	0	0	0	0	0	0	0		
Truckee R S	47.31	0.13	0.02	0.13	0.02	0.02	8.06	6.79	11.96	0.37	11.41	5.49	1.18	1.75	0.18	0.77	0.92	0	0	0	0	0	0	0	0	
CARSON RIVER G8																										
Carson City, Nevada	12.58	T	0.29	0.12	1.26	3.04	2.65	0.01	2.62	0.61	0.77	0.21	0.21	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44		
Grover Hot Springs	37.89	0.02	0	0.73	0	3.24	5.65	6.93	0.11	9.38	3.67	1.29	0.95	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14		
Markleeville	27.53	0	0.04	0.15	0	0.83	2.50	2.50	T	6.78	2.77	0.91	0.57	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56	1.56		
Minden, Nevada	9.00	0	0.35	0	0.15	0	0.83	3.41	2.47	0.02	2.35	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27		
Virginia City, Nev.																										
Woodfords	28.02	T	0	0.75	0	3.89	5.85	6.83	0.11	6.57	2.07	0.92	1.03	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04	2.04		
WALKER RIVER G9																										
Bridgeport	18.01	0.20	0.41	0.53	0.26	T	0.70	3.47	5.31	0.27	3.18	3.25	0.31	0.38	1.48	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51		
Bridgeport R S	10.82	0.19	0.23	0.23	0.05	0	0.95	3.27	2.60	0.01	1.92	0.81	0.38	0.15	0.41	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66		
Smith I N, Nevada	15.60	0	0.19	0.23	0.43	0	1.58	4.10	3.95	0.10	3.57	0.99	0.46	0	0.75	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03		
Sonora Junction	22.08	0.13	0.04	0.84	0.83	0	3.32	5.48	3.87	0.10	5.30	1.75	0.30	0.16	1.06	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65		
Topaz Lake	18.79	T	0.71	0.41	0	2.05	4.09	5.24	0.06	5.12	0.65	0.22	0.24	0.24	0.24	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48		
Topaz Lake, Nevada	13.78	T	1.26	0.31	0	1.60	3.05	2.97	0.03	3.58	0.72	0.10	0.16	0.16	0.16	0.93	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.03		
Wellington RS, Nev.	12.46	0.01	0.03	0.75	0	1.00	2.19	2.33	0	3.55	0.72	0.11	0.11	0.11	0.11	0.85	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77		

TABLE A-2 (Cont.)
PRECIPITATION DATA

Station Name	1966												1967											
	Total July 1 To June 30	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Total Oct. 1 To Sept. 30							
SOUTH LAHONTAN AREA																								
MONO LAKE VD	23.30	0.15	0.25	0.27	0	5.44	6.54	0.18	5.53	2.10	0.37	0.17	1.58	0.79	0.95	25.95								
Conway Summit	19.52	0.10	0.45	0.28	0	2.33	6.16	3.92	2.93	1.43	0.60	1.32	1.27	0.19	1.25	21.40								
Mono Lake																								

TABLE A-3
STORAGE GAGE PRECIPITATION DATA
NORTHEASTERN CALIFORNIA

Station	Agency	1966-67 Season		
		Measurement Period	Precipitation in Inches	
<u>SACRAMENTO RIVER BASIN</u>				
PIT RIVER A1				
Blacks Mountain	DWR Northern District	6-27-66	7-13-67	29.73
Butte Lake	DWR Northern District	7-6-66	7-2-67	49.25
Dead Horse Reservoir 2 SE	DWR Northern District	6-29-66	7-12-67	NR
Lassen Creek Upper	DWR Northern District	6-29-66	7-12-67	19.57
Long Bell Station	DWR Northern District	6-30-66	7-13-67	29.07
Medicine Lake	DWR Northern District	6-27-66	7-13-67	60.30
Patterson Meadow	DWR Northern District	6-28-66	7-11-67	29.87
Pepperdines Camp	DWR Northern District	6-27-66	7-11-67	29.95
Sweagert Flat	DWR Northern District	6-27-66	7-10-67	25.88
SHASTA LAKE A2				
Mt. Shasta Slope	DWR Northern District	6-30-66	7-12-67	83.23
Stouts Meadow	DWR Northern District	6-29-66	7-18-67	113.39
<u>SACRAMENTO VALLEY WEST SIDE A3</u>				
Alder Springs	COE Sacramento District	11-10-66	7-6-67	46.24
Ball Mountain Lookout	DWR Northern District	6-29-66	7-10-67	49.57
Log Spring	COE Sacramento District	6-30-66	7-5-67	38.26
Noel Spring	COE Sacramento District	6-29-66	7-6-67	53.23
Saddle Camp RS	DWR Northern District	6-29-66	7-11-67	35.07
Trough Spring	COE Sacramento District	6-29-66	7-5-67	58.49
<u>SACRAMENTO VALLEY NORTHEAST A4</u>				
Deer Creek Flat	DWR Northern District	7-7-66	7-26-67	38.51
DeWitt Peak 2 WSW	DWR Northern District	7-5-66	7-25-67	30.98
Hogback Road	DWR Northern District	7-5-66	7-19-67	34.82
McCarthy Point	DWR Northern District	7-6-66	7-21-67	52.32
Twenty Mile Hollow	DWR Northern District	7-6-66	7-20-67	33.78
<u>FEATHER RIVER A5</u>				
Clarks Peak 1 NE	DWR Sacramento District	6-29-66	6-28-67	27.47
Clover Valley	DWR Sacramento District	6-23-66	6-29-67	33.53
Granite Springs	DWR Sacramento District	6-23-66	6-29-67	NR
Lights Creek	DWR Sacramento District	6-29-66	6-28-67	42.27
Little Last Chance	DWR Sacramento District	6-30-66	6-29-67	24.26
Mt. Hough Snow Course	DWR Sacramento District	6-28-66	6-27-67	59.04
Onion Valley	DWR Sacramento District	6-28-66	6-27-67	78.45
Swain Mountain	DWR Sacramento District	6-29-66	6-28-67	62.75
Three Mile Valley	DWR Sacramento District	6-30-66	6-29-67	45.16
<u>YUBA-BEAR RIVERS A6</u>				
Camp Pioneer Ski Shelter	US Forest Service	7-1-66	9-15-67	NR
Cisco	US Weather Bureau	10-11-66	7-17-67	60.71
Soda Springs 1 E	COE Sacramento District	9-16-66	7-20-67	86.44
<u>AMERICAN RIVER A7</u>				
Brushy Springs GS	DWR Sacramento District	7-6-66	6-28-67	71.00
Forni Ridge	DWR Snow Surveys	9-22-66	9-25-67	52.80
Gerle Creek Camp	DWR Sacramento District	7-8-66	7-7-67	69.79
Robertson Flat	DWR Sacramento District	7-6-66	7-19-67	96.04
Talbot Camp	DWR Sacramento District	7-12-66	7-19-67	85.29
The Cedars	DWR Sacramento District	7-12-66	7-14-67	NR
Westville	DWR Sacramento District	7-6-66	6-28-67	71.45
Wrights Lake	DWR Sacramento District	7-8-66	7-23-67	73.26
Wrights Lake Snow Course	DWR Snow Surveys	9-22-66	9-25-67	51.83
<u>SAN JOAQUIN RIVER BASIN</u>				
<u>MOKELUMNE-CALAVERAS RIVERS B2</u>				
Highland Lakes	DWR Sacramento District	7-8-66	7-19-67	39.90
<u>NORTH LAHONTAN AREA</u>				
MADELINE PLAINS G2				
Dodge Reservoir 3 NNE	DWR Northern District	6-28-66	7-11-67	11.03
EAGLE LAKE G3				
Champs Flat West Meadow	DWR Northern District	6-27-66	7-19-67	19.65
TRUCKEE RIVER G7				
Brockway Summit	COE Sacramento District	9-19-66	7-20-67	48.18
Crystal Peak GS	USFS Inter Mountain	10-3-66	10-1-67	49.61
Crystal Peak	USFS Inter Mountain	10-3-66	10-1-67	51.37
Independence Lake	US Soil Conservation	9-30-66	10-11-67	36.86
Lower Meadow	USFS Inter Mountain	10-3-66	10-1-67	38.22
Mitchell Canyon	USFS Inter Mountain	10-3-66	10-1-67	34.43
Second Summit	USFS Inter Mountain	10-3-66	10-1-67	43.09

TABLE A-4 TEMPERATURE DATA

The definition of terms and the abbreviations used in connection with Table A-4 are as follows:

MAX - The highest temperature of record for the month.

MIN - The lowest temperature of record for the month.

AV MAX - The arithmetic average of daily maximum temperatures for the month.

AV MIN - The arithmetic average of daily minimum temperatures for the month.

Avg - The arithmetic average of the daily maximum and minimum temperatures for the month.

- - Record incomplete or missing.

RB - Record began.

RE - Record ended.

TABLE A-4 (Cont.)
TEMPERATURE DATA

Station Name	TEMPERATURE IN DEGREES FAHRENHEIT														
	1966			1967											
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
SACRAMENTO RIVER BASIN															
SACRAMENTO VALLEY FLOOR AO															
AEROJET	MAX MIN AV MAX AV MIN	106 52 91.8 57.6 74.7	108 49 97.9 60.8 79.3	104 50 89.5 49.4 73.3	87 39 82.9 46.6 66.1	63 28 52.4 41.4 56.0	64 28 55.1 38.9 47.0	69 22 57.9 42.6 52.5	72 35 62.4 51.3 66.6	67 35 59.5 42.2 50.8	98 40 81.9 55.8 66.1	104 46 85.2 55.8 70.5	110 55 98.6 63.6 81.1	107 58 100.7 64.6 82.6	98 57 92.1 61.4 76.8
ARBUCKLE 5 SSW	MAX MIN AV MAX AV MIN	104 47 94.0 55.5 74.8	113 50 99.4 60.5 80.0	105 48 90.5 56.7 65.7	94 40 81.1 62.3 54.3	85 34 51.1 39.3 45.5	60 28 54.4 38.6 46.5	69 72 59.4 38.6 49.1	75 32 61.0 59.5 50.3	68 29 57.1 58.3 47.7	101 39 82.8 51.0 66.9	106 49 87.4 51.0 72.4	104 51 99.3 61.2 80.3	111 51 101.5 64.8 83.2	104 52 92.9 60.1 76.5
ARDEN PARK BAILEY	MAX MIN AV MAX AV MIN	102 51 88.5 55.2 71.9	105 50 94.3 58.2 76.2	100 45 87.2 54.4 70.8	90 35 78.5 46.4 62.4	84 31 63.8 44.5 54.1	61 27 51.5 40.9 46.2	64 70 53.9 37.9 48.1	69 30 58.0 38.3 48.1	67 31 61.3 40.8 50.1	99 37 59.2 41.1 64.7	102 47 80.5 48.9 64.7	103 47 84.2 52.6 68.4	104 53 95.3 58.5 76.9	96 51 89.6 56.9 73.2
CITRUS HEIGHTS	MAX MIN AV MAX AV MIN	106 48 92.6 54.2 73.4	108 47 97.9 58.2 78.0	103 44 86.1 53.4 69.8	92 35 80.6 44.7 62.6	86 28 64.5 42.1 53.6	63 24 51.4 38.0 44.7	70 27 54.4 35.3 44.8	71 27 58.7 35.3 47.0	68 30 63.2 37.7 50.5	98 35 60.3 46.7 63.9	103 45 81.1 46.7 63.9	103 50 84.5 50.9 68.2	106 50 97.5 56.6 77.1	96 48 89.6 54.1 73.1
CITRUS HEIGHTS FS	MAX MIN AV MAX AV MIN	102 48 90.5 53.7 72.1	106 45 96.0 56.9 76.4	100 42 88.0 52.5 70.3	90 35 79.2 44.6 61.9	85 31 65.6 44.5 55.1	63 20 54.6 40.5 47.6	69 27 54.9 36.4 45.6	71 29 58.4 37.2 47.8	66 30 63.0 40.0 51.5	98 37 59.2 40.6 49.9	101 43 81.1 46.7 64.4	103 45 85.6 50.9 68.7	106 50 97.5 56.6 78.2	96 48 89.6 54.1 73.9
COON CREEK EXP PLOT	MAX MIN AV MAX AV MIN	103 48 92.2 56.7 74.5	106 48 96.8 60.6 78.7	103 45 88.5 56.4 72.5	91 35 88.4 46.6 54.7	86 31 64.5 44.8 54.7	64 25 52.1 40.3 46.2	69 32 58.4 36.5 46.7	71 30 60.1 40.4 50.2	64 33 57.1 49.6 48.4	95 36 78.1 49.3 63.7	103 44 86.6 54.0 71.0	103 44 95.6 61.0 79.7	106 53 99.6 61.2 79.9	96 46 92.1 56.9 73.9
CORNING UHL	MAX MIN AV MAX AV MIN	104 50 93.4 56.9 75.7	107 52 96.8 60.0 78.4	102 45 89.0 55.9 72.5	88 38 79.2 44.3 63.4	84 32 61.8 44.3 53.1	61 26 52.5 38.3 45.4	66 27 55.1 35.7 45.4	70 27 61.6 62.4 37.1	72 30 62.4 37.8 50.1	98 38 83.1 49.9 66.5	104 47 88.3 57.7 50.1	104 53 97.7 62.7 73.0	99 48 91.3 64.8 75.0	99 50 91.3 64.8 75.0

TABLE A-4 (Cont.)
TEMPERATURE DATA

Station Name	1966												1967												
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.										
SACRAMENTO RIVER BASIN AO																									
DAVIS UCAP	102	104	103	90	85	60	-23	71	67	100	102	104	106	104	98	95	90.9	90.9	90.9	90.9	90.9	90.9	90.9		
	MIN 50	50	50	37	32	25	23	29	31	37	47	47	44	44	44	44	44	44	44	44	44	44	44	44	
	AV MAX 89.6	89.6	87.9	80.0	64.3	51.7	-	58.9	58.1	79.8	83.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	
	AV MIN 53.4	53.4	53.7	46.3	43.2	39.1	-33.7	38.7	37.7	48.0	50.1	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	
	AVG 71.5	71.5	70.8	63.2	53.7	45.4	-	50.1	50.1	63.9	63.9	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	
DEL PASO PARK	102	105	100	91	86	65	66	70	68	99	103	105	105	105	105	105	105	105	105	105	105	105	105	105	
	MIN 54	50	46	36	28	28	30	32	36	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
	AV MAX 89.5	89.5	87.4	79.6	64.6	52.5	54.5	57.4	61.9	58.9	80.4	83.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
	AV MIN 56.6	59.2	55.4	49.9	44.6	41.6	37.5	37.6	40.3	41.3	50.6	54.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
	AVG 73.1	77.2	71.4	63.2	54.6	47.1	46.0	47.5	51.1	50.1	65.5	69.2	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
DIXON VOICE OF AMER.	100	104	100	90	82	61	64	70	72	66	99	100	102	102	102	102	102	102	102	102	102	102	102	102	
	MIN 50	50	46	36	30	24	25	29	27	30	30	42	42	42	42	42	42	42	42	42	42	42	42	42	42
	AV MAX 87.0	93.2	85.9	77.7	64.6	51.3	54.4	58.3	60.6	67.3	77.5	81.0	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
	AV MIN 55.8	56.2	54.2	46.5	43.2	38.8	34.2	36.9	38.1	42.5	46.6	51.6	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
	AVG 71.4	74.7	70.0	62.1	53.9	45.1	44.3	47.6	49.4	47.6	62.1	66.4	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GRIDLEY BUTTE W D	103	108	106	95	90	60	71	73	77	71	103	106	108	108	108	108	108	108	108	108	108	108	108	108	
	MIN 56	53	50	41	32	31	30	33	33	36	39	51	51	51	51	51	51	51	51	51	51	51	51	51	51
	AV MAX 94.0	98.1	90.7	83.5	73.5	67.6	52.1	61.4	64.1	60.1	60.1	84.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
	AV MIN 60.7	64.3	58.3	47.0	45.8	42.5	38.8	39.7	41.7	42.5	42.5	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
	AVG 77.3	81.2	74.5	65.2	56.7	47.3	45.3	50.5	52.9	51.3	51.3	69.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GRIDLEY BUTTE F P S	112	116	112	100	94	64	70	80	80	80	105	105	106	106	106	106	106	106	106	106	106	106	106	106	
	MIN 50	44	34	28	26	26	27	28	28	28	36	47	47	47	47	47	47	47	47	47	47	47	47	47	47
	AV MAX 97.9	97.8	88.3	68.3	54.1	42.8	39.4	34.4	36.3	39.3	39.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
	AV MIN 61.9	53.7	42.8	37.0	32.0	28.0	24.0	20.0	17.0	14.0	14.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
	AVG 78.7	83.0	75.7	65.6	55.5	46.7	47.2	51.0	53.8	51.8	51.8	67.4	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
HAMMONTON	106	110	107	94	86	61	68	71	70	64	100	100	106	106	106	106	106	106	106	106	106	106	106	106	
	MIN 41	50	48	39	31	29	28	32	30	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
	AV MAX 92.9	98.7	90.6	81.1	65.2	52.5	55.7	59.5	62.5	59.0	81.1	87.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
	AV MIN 56.0	62.3	55.8	46.9	44.5	40.5	36.0	38.3	38.3	42.7	41.2	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
	AVG 74.4	80.5	73.2	64.0	54.8	46.5	46.5	45.9	48.9	52.6	50.1	65.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
KAHI RADIO STATION	101	103	100	88	88	61	68	70	67	60	103	103	105	105	105	105	105	105	105	105	105	105	105	105	
	MIN 48	45	45	33	24	25	25	28	28	29	31	42	57	57	57	57	57	57	57	57	57	57	57	57	57
	AV MAX 91.6	95.1	87.1	77.6	63.4	51.1	55.1	55.1	55.1	60.0	58.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
	AV MIN 57.5	61.4	56.2	47.5	44.2	35.9	35.6	35.6	35.6	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
	AVG 74.1	78.2	71.7	62.6	53.8	44.0	35.9	35.9	35.9	48.9	48.9	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7

TABLE A-4 (Cont.)
TEMPERATURE DATA

Station Name	TEMPERATURE IN DEGREES FAHRENHEIT														
	1966			1967											
	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
SACRAMENTO RIVER BASIN AO															
LAKE SOLANO	103	106	101	91	84	70	65	73	96	103	106	97	52	90.8	
	MAX	51	49	23	28	30	32	34	40	49	50	50	50	50.8	
	MIN	51	49	79.5	63.5	56.2	59.4	59.4	79.3	82.9	97.1	99.1	99.1	99.1	
	AV MAX	89.9	87.7	48.1	43.8	40.1	37.5	39.0	51.3	54.9	58.2	56.8	56.8	57.2	
	AV MIN	55.3	55.9	63.8	53.6	46.1	46.8	49.2	65.3	68.9	77.7	78.0	78.0	74.0	
	AVG	72.6	71.8												
LAMB VALLEY	96	109	96	97	91	72	73	76	79	72	102	108	102	102	
	MAX	55	59	52	47	32	31	35	38	41	50	55	57	54	
	MIN	58.1	87.6	84.6	66.3	55.7	59.3	67.1	-	59.5	81.0	84.8	97.3	93.7	
	AV MAX	65.1	56.7	55.2	49.3	42.4	41.7	41.8	-	41.1	55.3	60.2	66.4	64.2	
	AV MIN	81.6	72.1	69.9	57.8	49.1	50.5	54.4	-	50.3	68.1	72.5	81.8	79.0	
	AVG	74.4													
LOOMIS	102	106	102	92	90	76	76	76	76	102	105	105	106	96	
	MAX	52	50	38	30	26	24	30	32	32	38	46	56	55	
	MIN	50.3	95.0	86.6	79.7	67.5	55.3	60.6	63.6	63.4	68.2	86.9	98.7	90.2	
	AV MAX	58.0	61.7	57.4	49.3	43.9	38.2	35.9	36.5	40.8	52.1	54.5	63.3	59.3	
	AV MIN	74.1	78.4	72.0	64.5	55.7	46.7	48.3	50.1	52.1	48.9	66.9	70.7	74.8	
	AVG														
LOOMIS 3 ENE	101	108	102	90	85	63	67	70	69	64	96	103	107	97	
	MAX	49	46	36	32	27	27	32	32	33	38	44	53	53	
	MIN	49.9	96.7	87.2	81.0	64.7	51.9	56.4	57.8	60.4	78.9	86.6	96.6	91.4	
	AV MAX	55.7	60.6	57.3	51.7	46.7	38.8	38.4	38.2	40.7	51.0	57.1	62.5	59.3	
	AV MIN	72.8	78.6	72.2	66.4	55.7	45.4	47.4	48.0	50.6	64.9	71.8	79.5	75.3	
	AVG	73.7	77.8	70.7	60.9	52.1	45.7	44.4	47.4	48.2	65.9	71.3	79.5	73.2	
LOS MOLINOS 6 N	111	111	105	91	84	65	69	71	74	73	106	105	104	104	
	MAX	45	47	40	27	25	23	19	23	21	32	47	51	43	
	MIN	45.7	99.0	91.1	81.0	62.9	52.9	55.4	61.9	61.7	61.5	87.1	99.9	92.8	
	AV MAX	51.7	56.6	50.2	40.7	41.3	37.4	33.3	32.9	34.7	36.9	45.6	55.4	53.6	
	AV MIN	73.7	77.8	70.7	60.9	52.1	45.7	44.4	47.4	48.2	49.8	65.5	76.2	72.3	
	AVG														
MANZANITA F S	106	105	100	88	80	60	68	80	70	68	102	110	108	101	
	MAX	50	51	40	33	27	26	25	26	30	34	48	51	49	
	MIN	96.2	93.5	83.5	77.1	62.7	51.2	53.5	60.0	59.8	61.5	83.1	93.9	86.9	
	AV MAX	54.2	59.5	51.2	42.4	40.0	39.5	34.8	35.4	37.2	38.1	48.0	58.6	62.1	
	AV MIN	75.2	76.5	67.4	59.7	51.4	45.3	44.2	47.7	48.5	49.8	65.5	76.2	78.4	
	AVG	73.7													
MATHER AFB	103	107	102	90	85	64	65	70	68	65	99	104	103	99	
	MAX	54	52	50	42	36	30	34	32	40	49	55	57	58	
	MIN	89.7	95.1	87.2	79.0	65.3	52.7	53.7	57.1	60.5	79.2	83.8	95.9	91.6	
	AV MAX	58.8	62.1	58.7	52.0	48.4	43.4	39.5	43.3	46.6	51.7	55.6	62.3	63.1	
	AV MIN	74.3	78.6	72.9	65.5	56.9	48.0	46.6	50.4	51.9	59.7	69.7	79.1	77.3	
	AVG														

TABLE A-4 (Cont.)
TEMPERATURE DATA

Station Name	1966												1967												
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	July	Aug.	Sept.	July	Aug.	Sept.				
SACRAMENTO RIVER BASIN																									
SACRAMENTO VALLEY FLOOR AO	102	106	101	97	87	84	80	76	70	64	60	56	51	47	43	39	34	31	29	28	26	23	20	19	
MCCLELLAN AFB	54	59.0	55.1	57.4	57.6	62.7	50.6	53.6	56.8	59.6	56.8	59.6	57.3	58.0	56.8	54.6	52.3	50.7	49.1	48.2	46.2	41.7	41.4	40.0	
MAX	102	106	101	97	87	84	80	76	70	64	60	56	51	47	43	39	34	31	29	28	26	23	20	19	
MIN	54	59.0	55.1	57.4	57.6	62.7	50.6	53.6	56.8	59.6	56.8	59.6	57.3	58.0	56.8	54.6	52.3	50.7	49.1	48.2	46.2	41.7	41.4	40.0	
AV MAX	58.7	61.8	57.4	78.4	71.9	63.1	46.4	48.5	41.7	46.2	41.7	46.4	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	
AV MIN	74.4	78.4	71.9	71.9	63.1	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	
Avg	54	59.0	55.1	57.4	57.6	62.7	50.6	53.6	56.8	59.6	56.8	59.6	57.3	58.0	56.8	54.6	52.3	50.7	49.1	48.2	46.2	41.7	41.4	40.0	
NELSON WESTERN CAMP	104	108	106	92	82	70	68	60	68	70	74	70	68	64	60.1	58.3	56.8	54.1	51.5	49.1	45.5	42.0	39.0	36.0	
MAX	54	57.1	46.9	89.5	80.6	64.2	39.0	32	30	28	32	31	28	24	22	27	24	22	20	18	16	14	12	10	8
MIN	54	57.1	46.9	97.4	89.5	80.6	64.2	53.9	50.0	48.0	53.9	50.0	48.0	45.5	42.0	39.0	36.0	33.4	31.4	29.4	27.4	25.4	23.4	21.4	
AV MAX	60.3	63.1	57.0	80.3	73.3	64.3	44.6	48.0	42.0	48.0	42.0	48.0	46.2	45.5	42.0	39.0	36.0	33.4	31.4	29.4	27.4	25.4	23.4	21.4	
AV MIN	76.6	80.3	73.3	73.3	64.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	
Avg	54	57.1	46.9	97.4	89.5	80.6	64.2	53.9	50.0	48.0	53.9	50.0	48.0	45.5	42.0	39.0	36.0	33.4	31.4	29.4	27.4	25.4	23.4	21.4	
NEWCASTLE FOWLER	107	110	105	94	91	87	77	67.6	64.6	60.5	59.2	56.5	53.9	50.7	47.4	44.7	42.0	39.3	36.6	33.9	31.2	28.5	25.8	23.1	
MAX	46	48	44	91.4	82.4	78.4	64.7	56.5	44.7	40.7	37.4	34.7	31.9	28.7	25.5	22.3	19.1	16.9	14.7	12.5	10.3	8.1	5.9	3.7	
MIN	46	48	44	100.5	91.4	82.4	78.4	64.7	56.5	44.7	40.7	37.4	34.7	31.9	28.7	25.5	22.3	19.1	16.9	14.7	12.5	10.3	8.1	5.9	
AV MAX	95.6	100.5	91.4	56.5	56.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	
AV MIN	56.2	61.7	56.7	73.9	73.9	64.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	
Avg	75.9	81.1	73.9	73.9	64.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	
NEW ENGLAND ORCHARD	100	106	102	90	84	79	63.2	50.3	40.6	34.5	28	28	28	28	28	28	28	28	28	28	28	28	28	28	
MAX	47	46	44	94.9	87.8	87.8	79.3	79.3	74.1	61.7	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	
MIN	47	46	44	89.7	87.8	87.8	79.0	79.0	74.1	61.7	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	
AV MAX	89.7	94.9	87.8	56.4	56.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	
AV MIN	53.0	53.0	53.0	75.6	75.6	70.7	61.7	61.7	52.3	45.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	
Avg	71.4	71.4	71.4	76.4	76.4	71.0	62.2	62.2	53.9	45.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	
NORTH SACRAMENTO	103	107	103	90	84	70	62	52	49.7	45.4	42.1	39.4	36.1	32.8	29.5	26.2	23.9	20.6	17.3	14.0	10.7	7.4	4.1	0.8	
MAX	44	51	46	96.0	88.4	79.0	63.0	50.3	44.9	40.2	34.9	30.6	25.1	21.8	18.5	15.2	11.9	8.6	5.3	2.0	-0.7	-4.0	-7.3	-10.0	-12.7
MIN	44	51	46	96.0	88.4	79.0	63.0	50.3	44.9	40.2	34.9	30.6	25.1	21.8	18.5	15.2	11.9	8.6	5.3	2.0	-0.7	-4.0	-7.3	-10.0	-12.7
AV MAX	91.2	96.0	88.4	56.8	56.8	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	
AV MIN	54.5	54.5	54.5	76.4	76.4	69.9	62.2	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	
Avg	72.9	72.9	72.9	76.4	76.4	71.0	62.2	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	
ORANGEVALE	103	106	100	90	84	70	62	52	49.7	45.4	42.1	39.4	36.1	32.8	29.5	26.2	23.9	20.6	17.3	14.0	10.7	7.4	4.1	0.8	
MAX	47	50.5	42.0	86.8	77.7	77.7	63.4	51.0	40.0	37.1	34.0	31.1	28.4	25.7	23.0	20.3	17.6	14.9	12.2	9.5	6.8	4.1	1.4	-2.3	
MIN	47	50.5	42.0	86.8	77.7	77.7	63.4	51.0	40.0	37.1	34.0	31.1	28.4	25.7	23.0	20.3	17.6	14.9	12.2	9.5	6.8	4.1	1.4	-2.3	
AV MAX	54.2	56.7	53.0	53.0	46.7	46.7	44.1	40.0	37.1	34.0	31.1	28.4	25.7	23.0	20.3	17.6	14.9	12.2	9.5	6.8	4.1	1.4	1.4	-2.3	
AV MIN	54.2	56.7	53.0	53.0	46.7	46.7	44.1	40.0	37.1	34.0	31.1	28.4	25.7	23.0	20.3	17.6	14.9	12.2	9.5	6.8	4.1	1.4	1.4	-2.3	
Avg	72.5	76.1	76.1	76.1	76.1	76.1	69.9	62.2	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	
PHEIAN PARROTT RCH	102	104	100	88	80	60	68	60	55.9	53.5	47.8	44.8	36.0	32	30	29.2	24.7	20.2	16.7	13.2	9.7	6.2	2.7	-2.3	
MAX	52	50	50	87.9	78.4	78.4	63.5	63.5	55.0	47.5	47.5	47.5	49.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	
MIN	52	50	50	87.9	78.4	78.4	63.5	63.5	55.0	47.5	47.5	47.5	49.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	
AV MAX	92.8	95.0	87.9	61.1	71.7	63.1	55.5	55.5	47.8	47.8	47.8	47.8	49.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	
AV MIN	57.3	75.1	78.1	78.1	78.1	78.1	69.9	69.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	
Avg	75.1	78.1	78.1	78.1	78.1	78.1	69.9	69.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	

TABLE A-4 (Cont.)
TEMPERATURE DATA

Station Name	TEMPERATURE IN DEGREES FAHRENHEIT														
	1966			1967											
	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
SACRAMENTO RIVER BASIN															
SACRAMENTO VALLEY FLOOR AO															
PLAINFIELD 1 NW	MAX	101	105	103	90	83	59	65	69	66	98	104	103	105	
	MIN	47	47	44	34	31	22	22	29	30	34	45	48	50	
	AV MAX	90.0	91.5	87.0	78.6	50.5	53.3	50.5	58.1	57.6	80.6	85.1	96.0	97.7	
	AV MIN	51.2	53.9	51.9	44.9	42.7	38.8	34.5	36.5	36.4	45.0	51.3	54.7	59.7	
	AVG	70.6	69.4	69.4	61.7	52.2	44.6	43.9	47.3	49.3	62.8	68.2	75.4	76.6	
RICHVALE	MAX	102	105	104	102	92	62	70	71	74	68	98	104	106	
	MIN	51	48	44	34	28	26	30	30	28	32	37	48	52	
	AV MAX	92.1	96.4	89.4	83.4	67.9	52.4	54.5	61.4	62.5	60.7	82.0	97.3	98.9	
	AV MIN	57.7	60.9	53.7	43.9	40.5	38.8	34.4	36.9	38.7	39.4	50.0	57.1	63.3	
	AVG	74.9	78.6	71.6	63.6	54.2	45.6	44.5	49.1	50.6	50.0	71.9	80.3	81.1	
SACRAMENTO HUFFMAN	MAX	99	102	96	84	79	63	68	70	67	-	-	101	106	
	MIN	56	56	51	44	37	31	38	37	40	44	-	57	60	
	AV MAX	86.9	91.7	85.1	75.8	63.8	55.1	59.9	63.1	61.0	-	-	93.6	94.6	
	AV MIN	60.4	63.1	59.3	52.4	49.1	42.1	43.3	46.0	45.3	-	-	63.6	64.6	
	AVG	73.6	77.4	72.2	64.1	56.4	48.6	51.6	54.5	53.2	-	-	78.6	79.6	
SACRAMENTO 3 SSW	MAX	103	106	103	94	88	62	66	72	76	70	102	105	108	
	MIN	52	52	45	37	30	29	29	31	32	34	49	54	59	
	AV MAX	89.0	94.7	90.1	83.0	67.1	52.4	55.1	61.1	64.5	61.2	83.3	84.0	92.5	
	AV MIN	54.8	57.5	53.9	46.6	43.6	40.9	37.1	38.1	40.0	41.3	49.8	54.7	58.4	
	AVG	71.9	76.1	72.0	64.8	55.3	46.7	46.1	49.6	52.3	51.3	66.6	69.3	75.4	
SACRAMENTO REFUGE	MAX	102	104	103	90	80	59	70	70	68	66	97	104	108	
	MIN	54	52	48	37	32	28	30	29	30	32	38	39	40	
	AV MAX	92.1	94.4	86.4	77.8	60.7	51.1	52.7	58.8	61.0	58.6	83.7	87.7	92.5	
	AV MIN	60.3	62.0	57.1	47.0	43.8	39.7	35.1	38.1	40.4	40.8	53.3	57.5	65.6	
	AVG	76.2	78.2	71.8	62.4	52.3	45.2	43.9	48.5	50.2	49.7	68.5	72.6	81.6	
SUTTER CITY	MAX	101	106	110	96	85	64	72	77	75	69	101	105	106	
	MIN	53	50	48	37	33	29	32	31	32	35	40	49	54	
	AV MAX	90.0	95.0	88.9	81.2	63.6	51.3	55.0	61.0	63.1	58.6	81.9	86.3	91.6	
	AV MIN	58.0	60.4	56.7	48.1	46.0	42.5	39.0	41.3	41.3	42.1	53.1	59.1	64.0	
	AVG	74.0	77.7	72.8	64.7	54.8	46.8	47.0	51.2	52.2	50.4	67.5	72.7	75.7	
TISDALE BYPASS	MAX	99	106	104	92	86	60	68	72	68	66	100	101	102	
	MIN	52	46	34	32	30	28	33	33	36	36	38	48	54	
	AV MAX	88.9	94.9	85.1	79.8	63.1	48.0	52.3	57.7	61.5	57.3	81.0	83.5	92.3	
	AV MIN	54.9	57.6	51.3	44.5	43.5	40.9	37.8	39.4	44.4	40.4	50.6	55.7	60.3	
	AVG	71.9	76.3	71.9	62.2	53.3	46.2	45.1	53.3	53.3	48.9	65.7	69.6	73.9	

TABLE A-4 (Cont.)
TEMPERATURE DATA

Station Name	1966												1967												
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.										
SACRAMENTO RIVER BASIN																									
SACRAMENTO VALLEY FLOOR AO	101	104	99	98	86	62	66	71	71	68	100	102	104	96	54	56	55	53	53	49	47.6	47.6	47.6	47.6	
TOWN & CTRY-MITCHELL MAX	53	52	46	38	32	27	29	31	32	34	38	38	38	38	38	38	38	38	38	38	38	38	38	38	
MIN	88.5	93.5	87.4	79.4	63.9	52.0	55.0	59.1	62.9	60.3	81.4	84.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
AV MAX	56.6	59.2	55.3	48.0	44.8	41.4	41.4	41.4	41.4	41.5	50.3	54.5	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	
AV MIN	72.5	76.4	71.3	63.7	54.3	46.7	46.7	46.7	46.7	46.7	50.9	50.9	54.5	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	
Avg																									
VINA MONASTERY	100	103	103	90	85	65	69	72	74	68	95	102	102	102	102	102	102	102	102	102	102	102	102	102	
MIN	53	53	48	34	27	27	29	30	30	33	33	38	38	38	38	38	38	38	38	38	38	38	38	38	
AV MAX	89.4	93.4	87.7	80.8	61.7	52.5	54.9	59.1	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	
AV MIN	60.4	64.4	58.3	47.9	44.4	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	
Avg	74.9	78.9	73.0	64.4	53.1	45.7	45.7	45.7	45.7	45.7	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	
WEST ACRES	101	105	105	90	83	61	64	70	71	69	99	102	102	102	102	102	102	102	102	102	102	102	102	102	
MIN	52	51	46	36	32	29	30	33	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	
AV MAX	89.6	94.4	87.6	79.0	64.1	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	
AV MIN	55.9	58.1	55.5	47.5	45.5	45.5	45.5	45.5	45.5	45.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	
Avg	72.8	76.3	71.6	63.2	53.2	46.5	46.5	46.5	46.5	46.5	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	
WINTERS WOLFSKILL R	105	108	104	94	85	62	71	73	75	67	99	103	103	103	103	103	103	103	103	103	103	103	103	103	
MAX	51	51	48	38	30	28	30	35	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	
MIN	92.5	97.8	89.3	81.2	62.4	50.5	50.5	57.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	
AV MAX	56.6	60.4	58.4	49.5	44.8	39.8	39.8	41.7	39.8	39.8	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	
AV MIN	74.6	79.1	73.8	65.4	53.6	45.2	45.2	45.2	45.2	45.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	
WOODLAND 1 SSW	103	105	103	90	86	62	68	73	76	76	103	104	104	104	104	104	104	104	104	104	104	104	104	104	
MAX	52	52	48	34	30	29	30	34	34	34	36	36	36	36	36	36	36	36	36	36	36	36	36	36	
MIN	91.9	96.4	88.7	79.5	64.0	52.0	52.0	55.2	55.2	55.2	61.6	61.6	61.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	
AV MAX	55.7	58.7	55.7	48.8	45.6	41.5	41.5	37.8	37.8	37.8	40.0	40.0	40.0	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	
AV MIN	73.8	77.5	72.2	64.1	54.8	46.8	46.8	46.5	46.5	46.5	50.8	50.8	50.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	
WOODLAND 3 W	101	107	104	92	85	60	67	70	71	68	100	104	104	104	104	104	104	104	104	104	104	104	104	104	
MAX	48	49	44	37	33	27	26	31	31	31	36	36	36	36	36	36	36	36	36	36	36	36	36	36	
MIN	90.4	95.1	88.3	80.0	62.4	51.2	51.2	54.5	54.5	54.5	59.3	59.3	59.3	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	
AV MAX	52.5	55.6	53.0	45.6	43.4	39.3	39.3	45.5	45.5	45.5	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	
AV MIN	71.4	75.3	70.6	62.8	52.9	45.3	45.3	45.3	45.3	45.3	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	
YUBA CITY	103	108	106	92	85	61	69	72	74	68	100	104	104	104	104	104	104	104	104	104	104	104	104	104	
MAX	54	50	48	37	32	29	29	32	32	32	39.6	39.6	39.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	
MIN	92.4	97.0	90.2	80.2	63.7	51.5	51.5	45.4	45.4	45.4	54.9	54.9	54.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	
AV MAX	58.2	61.0	57.0	48.7	48.7	45.4	45.4	46.2	46.2	46.2	54.5	54.5	54.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	
AV MIN	75.3	79.0	73.6	64.5	64.5	54.5	54.5	49.6	49.6	49.6	53.0	53.0	53.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	
Avg																									

TABLE A-4 (Cont.)
TEMPERATURE DATA

Station Name	1966												1967												
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.										
SACRAMENTO RIVER BASIN																									
SACRAMENTO VALLEY FLOOR AO																									
YUBA CITY 4 S	MAX MIN AV MAX AV MIN AVG	102 49 91.9 53.1 72.5	109 50 97.3 57.4 77.3	106 45 91.2 54.3 72.7	94 34 82.3 45.2 63.8	29 64.3 43.3 63.0	86 27 51.7 40.5 46.1	61 27 55.3 35.8 45.6	69 27 59.7 35.8 48.6	71 28 59.7 37.4 48.6	72 29 62.8 39.5 51.1	68 31 58.8 39.9 66.1	101 34 83.4 48.7 66.1	104 45 87.0 53.5 70.3	105 52 98.1 58.4 78.2	105 54 99.2 59.4 79.3	100 48 93.6 56.6 75.1								
PIT RIVER A1																									
ADIN ELZEA RANCH	MAX MIN AV MAX AV MIN AVG	95 32 84.1 41.4 62.8	96 34 89.3 47.3 68.3	92 34 80.5 38.9 59.7	88 18 78.0 24.5 39.3	79 2 54.1 25.4 37.1	60 10 48.8 25.4 37.1	56 0 44.5 21.6 33.0	60 14 49.6 19.6 34.6	61 18 46.8 24.7 35.8	58 14 44.7 26.7 35.7	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	98 39 88.3 44.9 66.6	- - - - -						
ALTURAS COPCO	MAX MIN AV MAX AV MIN AVG	105 35 90.4 47.3 68.9	104 38 93.9 51.6 72.8	100 36 84.4 45.3 64.9	90 17 74.0 32.4 53.2	80 10 54.7 30.8 42.8	55 10 41.9 22.5 32.2	55 16 42.7 22.5 29.4	62 12 50.1 20.6 35.4	62 12 48.1 21.3 34.7	52 14 45.1 24.5 34.8	89 23 70.8 33.2 52.0	96 33 76.4 41.3 58.9	100 40 90.1 46.1 68.1	100 39 93.1 46.3 69.7	91 27 81.6 46.3 69.7									
ALTURAS INSP STN	MAX MIN AV MAX AV MIN AVG	94 30 80.4 40.6 60.5	94 32 80.9 44.1 62.5	88 30 74.4 58.6 66.5	78 14 63.1 27.8 45.5	68 8 48.5 28.5 38.7	54 10 42.3 23.7 33.0	52 16 42.0 20.7 31.1	60 16 47.7 23.3 35.5	58 16 46.9 23.8 35.4	53 24 46.8 25.4 36.1	84 24 46.3 35.0 50.7	96 31 74.5 42.0 58.3	96 40 85.2 45.9 65.6	95 36 87.6 45.4 66.5	87 28 77.7 39.4 58.8									
BIEBER CARY	MAX MIN AV MAX AV MIN AVG	98 24 81.6 36.5 59.1	102 26 90.7 39.4 65.1	94 10 79.9 34.1 57.0	84 10 69.3 24.5 46.9	76 8 51.6 22.3 37.0	50 8 42.8 19.6 31.2	54 14 44.6 16.2 30.4	58 14 47.0 19.7 30.7	58 14 48.6 21.8 34.2	86 18 49.7 21.8 35.8	98 28 77.6 38.2 57.9	100 38 89.9 41.8 65.9	102 36 92.6 42.5 67.6	92 27 82.8 34.5 58.8										
BUCK CREEK R S	MAX MIN AV MAX AV MIN AVG	92 26 76.6 38.8 57.7	88 32 78.3 42.9 60.6	84 27 69.0 37.7 53.4	76 16 61.1 24.3 44.5	69 6 45.0 38.6 34.7	52 1 42.8 19.3 29.0	47 1 39.5 17.8 28.1	52 12 47.7 39.5 52	52 12 48.6 20.6 30.7	80 10 41.3 20.6 27.8	87 28 67.8 37.5 44.2	91 38 82.8 44.8 52.7	91 40 83.9 45.9 63.8	84 27 74.1 40.0 57.1										

TABLE A-4 (Cont.)
TEMPERATURE DATA

Station Name	Temperature in Degrees Fahrenheit														
	1966			1967											
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
SACRAMENTO RIVER BASIN															
PIT RIVER A1	100 MAX 26 MIN	-	94 24 79.0	84 10 67.3	72 49.4	52 41.9	58 46.9	58 47.5	58 48.5	58 47.5	98 30	98 34	102 34	90 22	
CANBY 11 SW	86.6 AV MAX 36.2 AV MIN 61.4 AVG	-	35.0 35.2 45.4 57.0	23.4 22.4 30.8	19.6 15.5 31.4	19.6 15.5 31.4	29.1 34.3	29.1 35.4	29.7 35.4	22.3 35.4	90.5 91.5	92.8 42.3	83.1 58.5	83.9 58.5	
DAVIS CREEK	100 MAX 30 MIN	98 34 94 34	80 18 63.3 76.8	76 10 49.7 42.4	52 10 42.4 42.4	60 8 49.3 49.3	60 14 46.4 46.4	60 14 48.8 48.8	60 15 48.8 48.8	69.6 77.1	41.5 45.4	42.3 52.2	91.9 52.0	92.8 44.5	
MCARTHUR H M S	100 MAX 37 MIN	97 35 88.2 49.0	92 21 78.7 72.2	81 21 69.7 63.9	81 12 54.6 52.0	62 15 42.5 32.0	59 14 42.5 32.0	59 14 42.5 32.0	59 15 42.5 32.0	69.6 77.1	41.5 45.4	42.3 52.2	91.9 52.0	92.8 44.5	
OLD STATION	MAX MIN AV MAX AV MIN AVG	89 88 45.0 45.0 65.9	84 75 42.7 60.7	75 14 32.2 51.0	69 14 32.0 42.4	48 14 27.5 35.0	54 14 23.9 34.0	54 14 23.9 34.0	54 14 23.9 34.0	56 14 23.6 36.6	51 14 23.6 36.6	51 14 23.6 36.6	101 96 44	101 96 44	
PITTMVILLE 3 SE	MAX MIN AV MAX AV MIN AVG	100 99 76.2 37.2 56.7	99 33 79.6 42.2 60.9	99 - 72.3 36.0 54.2	99 - 63.9 25.9 44.9	82 11 50.2 25.9 38.1	65 17 40.8 21.5 31.2	59 17 40.8 19.5 31.1	59 17 40.8 19.5 31.1	64 16 44.6 21.5 33.0	57 16 44.6 21.5 33.0	57 16 44.6 21.5 33.0	90 24 49.4 27.0 37.4	93 36 73.4 37.9 38.9	100 93 41
SACRAMENTO VALLEY WESTSIDE A3	MAX MIN AV MAX AV MIN AVG	35 35 85.7 43.9 64.8	90.7 48.5 69.6	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	98 44 91.1 49.6 70.4	100 106 100 55 73.0	100 105 105 55 73.0	
BLACK BUTTE DAM	MAX MIN AV MAX AV MIN AVG	104 51 92.4 60.0 76.2	107 50 97.0 63.9 80.5	105 52 89.4 58.6 74.0	93 43 80.9 51.3 74.0	72 29 53.1 46.2 54.8	72 31 55.5 39.0 46.1	72 31 55.5 39.0 46.1	72 31 55.5 39.0 46.1	75 32 61.2 39.3 50.3	68 32 60.3 39.4 50.0	68 32 60.3 39.4 50.0	107 60 101.0 68.2 84.6	103 52 93.1 61.4 77.3	103 52 93.1 61.4 77.3

TABLE A-4 (Cont.)
TEMPERATURE DATA

Station Name	1966												1967						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.				
SACRAMENTO RIVER BASIN																			
SACRAMENTO VALLEY WESTSIDE A3																			
EAGLE CREEK	MAX MIN AV MAX AV MIN AVG	100 40 87.5 50.1 68.8	100 44 91.8 54.5 73.2	98 36 84.7 49.0 66.9	91 31 57.1 40.9 59.6	84 26 51.4 40.0 48.6	65 25 51.8 42.0	69 25 32.2 42.0	72 27 62.5 47.6	70 26 55.9 45.7	70 26 32.7 43.0	72 26 51.3 43.6	93 30 77.7 60.7	98 46 81.6 52.3	100 50 96.0 56.1	98 45 89.1 51.0			
FLOOD RANCH	MAX MIN AV MAX AV MIN AVG	100 60 88.5 67.0 77.8	102 57 87.1 63.0 81.3	101 57 79.4 52.7 66.1	90 40 62.3 46.9 54.6	85 34 54.9 40.7 47.8	64 30 55.7 40.6 46.6	70 29 55.7 40.6 51.8	76 31 62.9 40.9 51.2	78 34 61.5 41.2 49.6	78 34 61.5 40.9 51.2	68 40 57.9 41.2 49.6	95 40 79.7 53.6 66.7	101 40 84.6 61.7 73.2	100 64 94.5 70.2 82.4	102 64 96.5 69.5 83.0	98 45 89.5 64.1 76.8		
FOUNT SPG BOYS RANCH	MAX MIN AV MAX AV MIN AVG	102 44 89.8 52.1 71.0	102 42 93.8 56.3 75.1	102 40 88.5 50.5 69.5	86 32 78.0 42.4 60.2	85 24 61.6 38.2 49.9	64 22 55.2 33.6 44.4	64 20 55.5 30.7 42.8	70 26 60.8 30.7 45.8	70 27 57.1 32.5 44.8	70 26 59.2 36.8 48.0	63 26 53.4 44.6 42.8	92 30 74.4 52.0 59.8	99 40 83.0 52.0 67.5	102 50 92.9 57.2 75.1	102 50 95.6 58.6 77.1	94 49 88.0 58.6 70.4		
MONTGOMERY PLACE	MAX MIN AV MAX AV MIN AVG	96 50 87.5 58.4 73.0	100 50 92.9 59.7 76.3	98 42 87.2 56.5 71.9	97 34 81.7 44.7 63.7	88 29 62.2 42.0 53.2	63 26 55.0 36.1 45.6	70 22 56.1 36.1 44.8	72 26 62.8 43.4 48.6	72 26 59.2 36.8 48.0	72 26 59.2 36.8 47.7	68 31 57.5 37.8 47.7	92 36 79.3 48.7 64.0	96 42 79.8 54.7 67.3	- - - - -	- - - - -	- - - - -		
SACRAMENTO VALLEY NORTHEAST A4																			
DALES	MAX MIN AV MAX AV MIN AVG	112 50 97.4 58.4 77.9	113 52 102.9 62.1 82.5	110 41 93.7 55.4 74.6	96 32 80.9 45.7 63.3	93 24 65.3 44.4 54.9	67 26 55.1 36.6 46.5	73 24 57.5 36.6 46.5	73 24 64.3 38.6 50.5	77 28 61.4 43.6 50.5	77 28 61.4 38.6 50.5	69 32 57.8 50.4 67.1	103 36 83.8 50.4 67.1	110 32 90.2 57.7 74.0	109 58 101.4 65.2 83.3	112 58 104.7 64.7 84.7	105 52 95.6 58.5 77.1		
DARRAH FISH HATCH.	MAX MIN AV MAX AV MIN AVG	102 46 91.6 54.9 73.3	104 43 96.0 58.6 77.3	100 43 88.6 52.4 70.5	86 31 77.1 42.7 59.9	82 25 49.0 39.5 48.6	64 19 57.7 31.2 40.1	66 19 52.0 29.6 40.8	72 22 57.8 30.1 45.7	72 22 57.8 30.1 45.7	66 26 55.5 33.4 44.5	98 28 80.8 55.5 62.6	104 37 86.3 52.2 69.3	105 53 100.9 59.6 78.9	98 44 92.2 52.4 80.3	98 44 92.2 52.4 72.3			

TABLE A-4 (Cont.)
TEMPERATURE DATA

Station Name	1966												1967				
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.		
SACRAMENTO RIVER BASIN																	
FOREST RANCH	MAX MIN AV MAX AV MIN AVG	95 44 84.7 56.6 68.4	98 40 89.3 51.3 65.8	97 32 80.3 51.8 65.0	84 32 72.8 44.5 58.7	78 27 52.5 41.1 49.3	58 22 53.5 34.5 43.5	64 22 58.9 34.2 44.0	78 28 58.9 34.2 46.6	66 26 55.0 35.4 45.2	54 28 48.7 34.1 41.4	90 30 74.5 45.2 59.9	94 40 78.6 53.1 65.9	98 50 89.5 59.7 75.8	98 48 91.9 59.7 68.1		
KILLARC POWERHOUSE	MAX MIN AV MAX AV MIN AVG	100 44 86.4 53.2 69.8	100 45 91.6 58.7 75.2	98 41 83.4 51.2 67.3	94 31 75.9 44.8 60.4	86 28 57.9 40.5 49.2	55 25 49.0 34.9 42.0	71 26 50.0 32.7 41.4	71 24 59.6 54.2 47.3	69 24 54.2 34.0 41.6	93 27 49.1 34.0 41.6	98 52 79.9 74.2 65.4	99 52 91.5 88.4 75.0	100 100 54 94.3 77.7	95 49 86.7 61.0 77.7		
MANTON 6 E	MAX MIN AV MAX AV MIN AVG	92 30 80.9 43.1 62.0	94 36 84.8 48.4 66.6	90 31 76.2 41.6 58.9	79 22 68.5 32.4 51.1	76 18 51.6 32.4 42.0	60 12 45.4 27.9 36.7	64 15 47.1 26.0 36.6	66 18 53.6 25.5 39.6	62 18 47.0 27.0 37.0	88 24 68.6 28.8 36.7	90 32 86.4 28.8 36.7	94 43 88.2 49.5 59.6	88 38 79.6 50.6 62.3			
FEATHER RIVER A5																	
BOULDER CREEK G S	MAX MIN AV MAX AV MIN AVG	106 25 85.0 32.1 58.6	93 19 89.7 37.5 56.3	85 12 81.0 31.7 46.6	81 12 71.2 22.6 46.6	- - - - -	94 - - - -	86 30 77.7 33.2 55.4									
BUCKS CREEK PH	MAX MIN AV MAX AV MIN AVG	99 50 90.1 56.6 73.4	102 51 96.1 62.3 79.2	100 44 87.8 56.0 71.9	94 38 78.3 49.5 63.9	86 32 60.4 42.5 51.5	60 29 50.1 36.3 43.2	71 29 61.9 51.9 43.5	72 29 61.8 58.1 49.6	65 28 52.9 35.4 46.7	96 33 78.5 47.2 43.6	102 40 56.8 53.4 62.8	101 40 56.8 61.5 78.6	103 60 64.3 64.3 81.0	96 50 89.6 64.3 73.4		
BUCKS LAKE	MAX MIN AV MAX AV MIN AVG	84 39 72.9 45.6 59.2	83 40 76.4 50.7 63.6	82 33 69.3 46.0 57.6	72 28 61.7 39.0 50.3	47 16 44.5 33.7 39.1	68 16 44.5 33.7 32.2	51 11 37.1 27.3 32.8	52 12 44.0 39.2 24.3	45 14 35.0 25.9 28.9	86 18 35.5 22.8 32.5	86 30 62.8 39.8 42.7	84 44 78.1 62.8 51.3	84 46 78.6 49.9 64.0	78 40 70.6 52.6 59.6		

TABLE A-4 (Cont.)
TEMPERATURE DATA

Station Name	1966												1967					
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.			
SACRAMENTO RIVER BASIN																		
FEATHER RIVER A5																		
CARIBOU POWER HOUSE	MAX 98 MIN 47 AV MAX 84.5 AV MIN 53.8 AVG 69.2	96 83.8 52.2 68.0	90 74.9 43.7 59.3	89 55.6 39.0 47.3	77 43.1 32.8 37.9	23 44.9 31.4 38.1	54 27 32.4 42.6	62 27 52.8 43.3	68 29 48.7 33.7	60 28 44.6 41.2	98 35 81.1 59.5	101 52 91.8 66.0	104 54 96.1 78.0	102 54 91.8 78.0	104 48 84.8 69.2	102 48 84.8 69.2	102 48 84.8 69.2	
CHEROKEE	MAX 102 MIN 50 AV MAX 88.2 AV MIN 58.9 AVG 73.6	106 48 96.7 62.6 79.6	102 44 86.1 52.4 69.2	90 34 77.4 43.4 60.4	84 32 61.3 41.5 51.4	62 26 50.7 36.2 43.5	66 24 53.7 35.3 44.5	72 24 59.4 35.0 47.2	68 28 51.6 37.6 44.6	60 28 74.1 47.9 61.0	98 38 80.2 54.9 67.6	100 42 91.5 61.0 76.3	102 52 91.5 61.3 78.9	102 54 96.5 61.3 78.9	102 48 88.3 55.9 72.1	102 54 96.5 61.3 78.9	102 48 88.3 55.9 72.1	
FEATHER FALLS	MAX 92 MIN 48 AV MAX 83.6 AV MIN 55.7 AVG 69.6	- - 75.4 50.4 62.9	- 42 - 50.4 62.9	- 91 42 55.7 62.9	88 75 30 38.7 44.5	60 25 48.2 36.0 42.1	58 24 47.6 35.7 41.6	62 27 55.4 36.6 42.5	62 20 49.9 35.2 42.5	56 22 46.9 35.2 57.0	84 32 33 37.5 56.9	92 33 37 48.4 -	98 58 89.0 64.7 -	98 58 89.0 64.7 -	98 53 75.4 - 66.2	98 53 75.4 - 66.2	98 53 75.4 - 66.2	
FORBESTOWN	MAX 96 MIN 48 AV MAX 83.5 AV MIN 58.7 AVG 71.1	98 47 89.3 64.4 76.8	98 44 80.1 56.2 68.2	98 44 74.0 51.1 62.5	86 39 57.7 43.8 50.8	64 32 51.0 43.8 44.4	68 28 51.4 38.3 44.8	70 30 58.8 40.4 49.6	68 30 51.7 37.0 44.3	50 28 43.8 33.7 38.8	88 35 70.5 49.4 55.9	94 37 74.6 55.4 65.0	98 58 89.0 64.7 76.8	98 58 89.0 64.7 76.8	98 53 75.4 - 71.6	98 53 75.4 - 71.6	98 53 75.4 - 71.6	
FOREMAN CREEK	MAX 102 MIN 42 AV MAX 91.5 AV MIN 56.0 AVG 73.7	105 45 96.8 60.3 78.5	105 44 88.4 54.9 71.6	93 37 80.2 47.2 63.2	87 32 64.8 43.9 54.3	69 27 53.4 37.1 45.2	68 27 55.5 37.0 46.3	75 29 60.2 35.2 47.7	73 29 54.9 37.7 46.3	66 30 54.9 37.7 46.3	93 37 76.6 53.6 62.6	97 44 82.0 53.6 67.8	102 53 97.1 61.7 79.4	100 56 99.2 64.7 81.9	100 56 99.2 64.7 81.9	100 56 99.2 64.7 81.9	100 56 99.2 64.7 81.9	
GREENVILLE R S	MAX 102 MIN 33 AV MAX 86.7 AV MIN 41.0 AVG 63.9	100 32 92.7 45.1 68.9	100 22 84.2 39.9 62.1	95 84 71.8 53.5 42.0	84 24 53.5 30.5 42.0	59 15 44.1 25.5 34.8	56 13 46.4 21.4 33.9	68 18 55.9 23.5 39.6	67 18 48.2 26.5 40.0	62 20 48.2 29.9 38.6	93 24 73.5 37.3 55.4	97 31 77.2 43.4 60.3	102 53 93.5 46.4 69.2	100 37 93.5 46.4 70.2	100 37 93.5 46.4 70.2	100 37 93.5 46.4 70.2	100 37 93.5 46.4 70.2	
LAKE WILENOR	MAX 102 MIN 44 AV MAX 87.8 AV MIN 49.6 AVG 68.7	104 46 92.1 54.3 73.2	104 46 84.1 49.5 66.8	98 38 74.9 43.3 59.1	89 28 56.7 41.7 49.2	64 26 51.0 36.1 42.7	66 26 51.0 36.1 43.1	66 29 57.6 34.6 43.0	72 28 51.4 34.6 41.1	58 28 47.8 34.6 42.7	98 32 78.2 47.8 62.8	106 38 81.5 34.6 41.1	106 50 98.8 52.1 78.0	106 48 100.2 58.2 79.3	106 48 100.2 58.2 79.3	106 48 100.2 58.2 79.3	106 48 100.2 58.2 79.3	

TABLE A-4 (Cont.)
TEMPERATURE DATA

Station Name	1966												1967								
	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.						
SACRAMENTO RIVER BASIN																					
FEATHER RIVER A5	98	96	94	86	79	54	59	71	64	88	95	93	96	96	94	90.5	82.2				
MOHAWK R S	MAX MIN AV MAX AV MIN AVG	27 83.6 36.9 59.8	27 89.2 38.5 63.8	23 80.5 32.7 56.6	14 73.0 23.6 48.3	57.2 43.6 22.2 32.9	56.5 45.5 20.0 32.3	55.9 55.3 25.3 37.9	55.3 55.3 25.3 36.7	47.4 47.4 26.0 36.7	17 24 32.4 39.2	14 14 21.9 32.4	12 12 20.0 32.2	12 12 20.0 32.2	14 14 21.9 32.4	41.9 40.6 64.3	41.9 40.6 66.2				
OROVILLE DAM	MAX MIN AV MAX AV MIN AVG	105 51 91.4 59.3 75.3	- 51 - - -	107 50 81.1 58.3 -	95 44 64.3 52.7 66.8	87 32 48.3 39.0 45.0	63 32 50.9 39.0 45.0	68 31 55.4 39.0 47.2	83 33 59.5 58.8 49.2	74 34 41.9 40.3 50.7	96 96 55.7 52.5 65.5	96 96 78.4 52.5 70.2	96 96 55.7 57.0 70.2	105 105 83.5 57.0 82.0	107 107 101.4 68.1 84.7	107 107 101.4 68.1 84.7	103 103 93.0 62.7 77.9				
PARRISH CAMP	MAX MIN AV MAX AV MIN AVG	103 49 92.2 59.5 75.8	105 47 97.8 62.6 80.2	107 46 90.9 57.0 73.9	93 41 79.9 50.3 65.1	91 35 44.8 38.7 54.8	65 28 44.8 38.7 45.7	67 28 52.7 38.3 46.8	73 29 52.7 38.4 49.5	73 29 52.7 38.4 49.5	63 33 60.6 39.3 47.0	63 33 60.6 39.3 47.0	63 33 60.6 39.3 47.0	102 102 79.9 55.9 70.7	108 108 58.4 64.5 81.4	105 105 58.4 64.5 83.7	103 103 54 61.1 76.6				
PLUMAS EUREKA S P	MAX MIN AV MAX AV MIN AVG	95 32 80.2 42.2 61.2	93 32 86.4 44.7 65.6	92 26 77.6 40.4 59.0	83 22 70.5 31.4 50.9	75 10 50.5 28.3 39.4	54 10 42.6 22.4 32.5	58 10 42.6 22.4 32.5	58 10 44.1 20.5 32.3	59 10 44.1 21.3 35.4	59 10 44.0 21.3 35.4	52 15 44.0 22.8 32.2	82 19 41.5 23.8 33.9	88 19 41.5 22.8 32.2	91 30 70.3 38.9 44.1	93 33 84.4 38.9 44.1	93 33 84.4 38.9 44.1	86 34 79.1 42.6 60.8			
SATTELEY 1 NW	MAX MIN AV MAX AV MIN AVG	95 30 83.1 41.2 62.1	93 25 85.7 45.0 65.4	87 25 77.6 37.9 48.2	80 18 67.4 29.0 48.2	70 0 50.3 27.6 39.0	50 9 41.1 21.8 31.4	54 9 41.1 21.8 31.4	54 9 41.1 21.8 31.4	60 10 41.7 21.2 31.4	59 10 41.7 21.2 31.4	59 10 41.7 21.2 31.4	RE	RE	RE	RE					
TAYLORSVILLE	MAX MIN AV MAX AV MIN AVG	103 34 89.2 42.7 66.0	102 31 94.9 46.2 70.5	99 23 73.3 32.0 52.7	88 20 52.5 33.3 42.9	73 20 52.5 33.3 42.9	59 17 41.1 28.5 34.8	53 16 41.1 24.6 34.4	67 16 44.1 24.6 34.4	67 16 44.1 24.6 34.4	67 16 44.1 24.6 34.4	67 16 44.1 24.6 34.4	52 18 53.2 26.4 39.8	52 18 53.2 26.4 39.8	52 18 53.2 26.4 39.8	52 18 53.2 26.4 39.8	52 18 53.2 26.4 39.8	52 18 53.2 26.4 39.8			
VINTON	MAX MIN AV MAX AV MIN AVG	98 26 83.1 37.0 60.0	96 21 87.8 41.1 64.4	91 11 79.2 34.6 56.9	83 7 70.5 23.7 48.4	75 -7 51.2 37.5 48.4	50 -7 51.2 37.5 48.4	53 -7 51.2 37.5 48.4	61 12 49.0 24.3 34.9	60 12 49.0 24.3 34.9	60 12 49.0 24.3 34.9	60 12 49.0 24.3 34.9	83 13 43.7 33.5 50.1	83 13 43.7 33.5 50.1	83 13 43.7 33.5 50.1	83 13 43.7 33.5 50.1	91 31 72.0 38.8 55.4	91 31 72.0 38.8 55.4	91 31 72.0 38.8 55.4	91 31 72.0 38.8 55.4	86 27 78.9 40.3 59.6

TABLE A-4 (Cont.)
TEMPERATURE DATA

Station Name	TEMPERATURE IN DEGREES FAHRENHEIT														
	1966			1967			1968			1969					
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
SACRAMENTO RIVER BASIN															
FEATHER RIVER A5															
WESTWOOD	MAX	94	89	84	71	69	45	50	55	51	80	84	89	87	
	MIN	30	34	32	20	16	8	7	10	15	20	32	38	28	
	AV MAX	82.5	80.3	70.5	64.1	47.9	38.9	44.4	42.4	40.7	62.2	70.7	81.4	72.8	
	AV MIN	38.0	45.1	40.2	30.8	30.0	24.2	23.4	22.1	26.8	35.0	40.9	45.3	38.8	
	AVG	60.2	62.7	55.4	47.4	38.9	31.5	31.2	33.3	34.6	33.9	55.8	62.7	55.8	
YUBA-BEAR RIVERS A6															
BANGOR	MAX	104	107	102	97	88	63	65	73	70	64	98	103	104	
	MIN	48	46	44	38	30	27	28	29	30	31	36	43	53	
	AV MAX	92.4	98.3	87.2	80.3	63.7	51.2	55.2	58.3	60.0	56.2	78.8	83.0	49	
	AV MIN	54.8	59.0	54.5	46.4	44.2	38.0	35.4	38.5	39.6	38.5	48.4	54.1	92.3	
	AVG	73.6	78.6	70.8	63.3	53.9	44.6	45.3	46.8	49.8	47.4	63.6	68.5	57.6	
BEAR RIVER HEAD DAM	MAX	96	99	96	90	83	62	66	72	69	60	93	96	107	
	MIN	40	42	38	26	20	20	24	24	28	25	38	38	100	
	AV MAX	87.2	93.3	86.1	78.4	62.1	55.0	54.5	60.8	56.3	51.1	78.0	79.2	49	
	AV MIN	46.0	52.1	45.9	37.0	38.0	32.0	32.2	29.2	32.7	32.0	39.5	45.5	92.7	
	AVG	66.6	72.7	65.6	57.7	50.1	43.5	43.3	45.0	41.6	41.6	58.8	62.3	74.9	
CHALLENGE R S	MAX	96	100	101	88	92	67	72	73	70	57	92	97	96	
	MIN	41	40	38	34	26	22	23	23	28	29	39	39	51	
	AV MAX	85.9	91.3	84.0	77.5	61.4	53.6	54.3	58.9	53.8	46.7	73.3	76.6	95.2	
	AV MIN	50.2	56.6	50.8	44.1	40.1	32.5	32.1	31.7	33.3	31.7	43.1	50.5	60.2	
	AVG	68.0	74.0	67.4	60.8	50.7	43.1	43.2	45.3	43.6	39.2	58.2	63.6	77.7	
CLIPPER GAP	MAX	104	108	106	96	94	72	78	80	78	68	98	100	101	
	MIN	50	52	50	40	34	28	30	34	34	40	48	54	47	
	AV MAX	91.8	99.7	92.7	84.1	69.3	58.8	61.9	68.5	63.9	59.1	81.1	95.9	83.8	
	AV MIN	58.0	61.7	56.6	49.3	47.1	39.3	39.9	38.5	41.7	40.3	50.7	55.3	54.3	
	AVG	74.9	80.7	74.7	66.7	58.2	49.1	50.9	53.5	52.8	49.7	65.9	68.5	74.4	
COLGATE POWER HOUSE	MAX	104	108	106	94	88	62	67	78	72	65	98	105	106	
	MIN	52	50	47	37	31	28	26	32	32	33	36	46	56	
	AV MAX	95.6	100.2	92.8	83.9	65.8	54.8	57.4	65.9	63.4	57.5	82.6	86.5	94.8	
	AV MIN	58.8	63.4	57.0	47.5	44.9	38.0	36.5	40.4	40.2	40.2	49.6	55.8	61.2	
	AVG	77.2	81.8	74.9	65.7	55.4	46.4	51.2	51.9	51.9	51.9	48.8	52.6	84.8	

TABLE A-4 (Cont.)
TEMPERATURE DATA

Station Name	TEMPERATURE IN DEGREES FAHRENHEIT														
	1966			1967											
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
SACRAMENTO RIVER BASIN															
YUBA-BEAR RIVERS A6															
DRUM FOREBAY	MAX MIN	90 45	82.2 56.8	52.5 71.4	49.7 63.6	70.2 44.7	53.6 46.6	54.2 39.8	46.1 39.5	57 39.5	55 39.5	60 26	92 46	92 46	86
FRENCH CORRAL	MAX MIN	102 48	104 48	96.2 65.0	87.7 57.3	79.8 48.9	64.3 44.6	51.5 33.4	54.5 42.4	68 61	75 24	66 28	101 43	105 59	98
INDIAN ROCK	MAX MIN	101 37	104 37	96.0 48.8	87.7 44.7	79.8 61.7	64.3 37.4	51.5 30.9	54.5 42.8	88 64	70 42.8	68 46.9	98 59.9	101 64.0	98
NORTH SAN JUAN 4 NE	MAX MIN	105 39	106 35	96.6 93.8	87.2 49.9	79.8 46.5	64.0 36.8	51.5 37.3	56.2 43.4	92 23	71 19	74 55.3	98 52.5	101 43.5	95
RUSSELL RANCH	MAX MIN	98 38	102 50	92.5 68.2	84.7 61.3	75.2 55.1	58.6 47.4	50.2 39.7	47.4 43.8	86 68	70 30	72 30	98 51.1	102 42	97
SHADY CREEK	MAX MIN	100 46	104 45	92.5 94.9	87.2 60.3	79.3 53.5	63.4 46.5	55.2 42.5	47.0 35.8	91 53.0	88 52.9	76 45.5	100 47.2	102 60	96
WASHINGTON RIDGE	MAX MIN	86 43	90 42	88.9 76.2	82.4 58.0	75.2 50.9	69.3 45.4	51.3 36.6	47.0 30.4	77 62	62 19	72 17	100 46.1	104 33.9	98

TABLE A-4 (Cont.)
TEMPERATURE DATA

Station Name	1966												1967												
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.										
SACRAMENTO RIVER BASIN																									
YUBA BEAR RIVERS A6																									
WASHINGTON	98	102	94	89	91	61	63	73	65	58	94	94	100	100	92										
MAX	40	40	45.1	39	25	22	21	24	25	24	40	40	42	42	40	40	40	42	40	40	40	40	40	40	
MIN	9.9	9.4	52.1	57.4	57.4	51.3	51.8	59.1	51.8	46.8	74.4	87.3	90.7	90.7	82.1										
AV MAX	87.9	94.4	52.1	39.3	38.0	31.5	32.1	31.4	32.4	31.7	40.8	51.2	55.1	55.1	49.6										
AV MIN	46.0	45.8	45.8	57.7	47.7	41.4	41.9	45.3	42.1	39.2	57.6	69.2	72.9	72.9	65.8										
Avg	67.0	73.3	65.4	57.7																					
WEIMAR 1 W	98	100	96	84	83	63	68	68	68	60	90	96	96	96	96	96	96	96	96	96	96	96	96	96	
MAX	44	40	35	-	28	27	24	28	29	30	32	42	52	52	52	52	52	52	52	52	52	52	52	52	
AV MAX	86.2	91.3	82.8	-	60.8	52.8	54.4	58.9	58.1	74.6	77.0	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	
AV MIN	52.1	57.6	50.4	-	40.5	35.0	34.9	35.0	36.2	44.8	52.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	
Avg	69.1	74.4	66.6	-	50.7	43.9	44.6	46.9	47.8	53.6	59.7														
AMERICAN RIVER A7																									
BUDGETT EXP FOREST	90	94	89	80	73	59	61	62	61	49	85	90	96	96	94	94	94	94	94	94	94	94	94	94	
MAX	46	45	36	29	26	22	21	21	23	21	27	32	32	32	32	32	32	32	32	32	32	32	32	32	
MIN	80.7	85.7	77.7	68.2	51.2	47.6	38.6	46.5	52.9	40.4	46.3	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	
AV MAX	55.7	60.7	52.9	47.3	38.9	34.1	34.0	34.0	35.4	40.3	43.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	
AV MIN	68.2	73.2	65.3	-	45.0	40.4	40.4	40.4	44.1	44.1	38.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	
CAMINO DRIVER	92	96	94	85	83	66	68	74	74	64	50	89	97	97	97	97	97	97	97	97	97	97	97	97	
MAX	43	40	34	29	26	20	26	26	26	25	32	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	
MIN	83.5	88.1	79.3	73.7	73.7	52.0	52.0	52.0	52.5	61.7	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	
AV MAX	56.0	60.8	59.3	47.3	42.6	37.9	37.9	37.9	45.0	45.0	49.0	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	
AV MIN	70.1	74.5	66.3	60.7	49.4	45.4	45.4	45.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	
COLFAX FIRE STATION	96	98	98	86	85	66	69	73	73	70	56	90	97	97	97	97	97	97	97	97	97	97	97	97	
MAX	47	48	45	40	31	26	28	30	30	21	20	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	
MIN	86.0	91.4	85.6	76.7	61.7	53.7	55.5	62.0	56.0	39.1	37.2	33.9	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	
AV MAX	59.8	63.5	56.9	50.6	42.2	36.1	38.4	47.0	50.5	46.6	41.3	61.8	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	
AV MIN	72.9	77.4	71.2	63.7	52.0	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	
COLOMA	109	108	103	91	90	64	69	70	71	64	74	24	24	24	24	24	24	24	24	24	24	24	24	24	
MAX	37	45	40	31	25	21	21	21	21	21	21	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	
MIN	92.7	99.3	89.4	81.9	66.8	54.4	57.5	57.5	57.5	57.5	57.5	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	
AV MAX	45.5	54.1	47.5	38.0	39.6	35.1	35.1	35.1	35.1	35.1	35.1	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	
AV MIN	69.1	76.7	68.4	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	

TABLE A-4 (Cont.)
TEMPERATURE DATA

TEMPERATURE IN DEGREES FAHRENHEIT

Station Name	1966												1967															
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.													
SACRAMENTO RIVER A7																												
AMERICAN RIVER A7	101	103	98	89	87	65	69	68	69	60	94	101	102	105	105	105	105	105	105	105	105	105	105	105				
EL DORADO F F S	43	42	40	32	28	24	22	27	28	29	29	48	39	48	49	46	46	46	46	46	46	46	46	46	46			
	MAX	94.6	85.7	79.1	67.4	54.0	58.8	58.8	58.8	54.3	96.2	83.3	96.2	97.0	95.5	95.5	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4			
	MIN	56.4	50.2	43.0	42.2	33.8	32.7	35.2	35.2	34.1	97.0	53.7	53.7	59.5	59.5	59.8	59.8	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4		
	AV MAX	75.3	75.5	75.9	61.1	54.8	43.9	45.8	44.8	44.2	97.0	53.7	53.7	59.5	59.5	59.8	59.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9		
EL DORADO P H	95	97	93	84	81	55	56	71	67	56	94	92	94	94	94	94	92	92	92	92	92	92	92	92	92	92		
	MAX	49	45	36	30	25	26	31	30	31	50.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7		
	MIN	90.7	83.0	73.5	58.0	48.1	41.8	35.1	34.4	35.1	54.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3		
	AV MAX	63.8	54.9	48.1	41.8	35.1	34.4	41.6	41.3	41.3	45.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8		
IOWA HILL	101	105	103	90	90	67	71	74	70	70	94	100	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	
	MAX	47	44	37	32	26	26	26	29	29	34	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	
	MIN	96.4	87.1	79.4	62.3	54.2	55.5	61.8	55.1	46.9	74.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9		
	AV MAX	64.1	57.3	50.7	42.0	37.8	37.8	39.1	36.9	33.0	47.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0		
	AV MIN	80.3	72.2	64.7	52.5	46.0	46.5	50.4	46.0	46.0	46.0	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9		
MOUNT DANAHER	96	99	95	84	83	67	68	72	66	54	89	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	
	MAX	45	40	37	32	26	27	26	27	25	45.1	71.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6		
	MIN	91.5	81.2	73.7	59.4	53.2	53.1	59.0	52.3	45.1	91.0	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5		
	AV MAX	65.7	56.1	52.2	42.2	38.5	38.5	37.7	40.7	36.3	54.4	30.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8		
	AV MIN	78.6	68.7	62.9	51.8	45.8	45.4	49.9	44.3	37.9	59.9	37.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9		
CACHE CREEK A8																												
CAPAY 4 W	105	108	92	87	70	74	75	75	75	66	99	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	
	MAX	50	49	36	30	24	24	26	26	26	29	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
	MIN	91.1	92.5	-	64.6	54.4	56.7	61.7	61.7	61.7	56.8	80.0	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	
	AV MAX	61.3	58.5	-	43.8	38.5	35.1	36.4	36.4	36.4	35.9	45.8	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	
	AV MIN	80.1	75.5	-	53.8	46.5	45.9	49.0	49.0	49.0	48.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	
CLEARLAKE OAKS 7 E	109	110	95	92	72	76	82	82	82	82	99	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	
	MAX	47	48	40	31	26	24	24	24	24	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
	MIN	93.7	100.2	90.5	83.7	65.3	56.9	57.5	57.5	57.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	
	AV MAX	53.0	58.1	51.8	42.6	36.2	36.2	36.2	36.2	36.2	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	
	AV MIN	73.3	79.2	71.2	63.2	53.6	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	

TABLE A-4 (Cont.)
TEMPERATURE DATA

Station Name	Temperature in Degrees Fahrenheit														
	1966			1967			1968			1969					
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
SACRAMENTO RIVER BASIN															
CACHE CREEK A8															
COBB		94	96	94	86	86	68	74	71	60	90	94	98	94	94
MAX		94	96	94	86	86	68	74	71	60	90	94	98	94	94
MIN		94	96	94	86	86	68	74	71	60	90	94	98	94	94
AV MAX		85.3	88.0	88.1	76.3	76.3	54.9	53.5	53.3	23	27	39	42	40	40
AV MIN		85.0	88.0	88.1	76.3	76.3	53.5	53.9	53.1	30.1	32.9	46.9	48.5	49.2	49.2
AVG		85.2	89.1	89.1	76.3	76.3	53.7	43.7	43.7	42.0	39.1	56.4	62.2	50.2	47.8
FINLEY 1 SSE		102	103	101	91	89	62	70	76	61	95	102	100	104	101
MAX		102	103	101	91	89	62	70	76	61	95	102	100	104	101
MIN		39	39	33	27	25	22	21	23	25	31	31	43	43	42
AV MAX		88.8	94.5	87.0	80.4	80.4	54.6	55.9	55.4	61.5	52.4	33.3	33.5	33.5	31.2
AV MIN		44.8	48.6	42.9	35.2	35.2	38.3	34.3	31.4	43.6	47.0	47.4	43.0	47.0	49.1
AVG		66.8	71.6	65.0	57.8	50.7	44.5	44.5	44.5	43.6	43.6	58.8	65.7	75.0	66.4
FINLEY 5 SW		94	100	98	90	88	66	74	76	75	96	97	98	104	100
MAX		94	100	98	90	88	66	74	76	75	96	97	98	104	100
MIN		42	44	37	28	26	20	20	23	23	26	26	26	44	44
AV MAX		84.1	88.5	82.6	77.8	77.8	59.9	54.8	55.4	63.6	56.9	34.2	42.6	44.9	88.3
AV MIN		49.4	53.0	47.9	40.2	40.2	39.8	35.6	32.6	31.0	42.6	48.7	48.7	52.6	51.2
AVG		66.8	70.8	65.2	59.0	59.0	49.9	45.2	44.0	47.3	45.6	59.8	64.1	73.8	69.8
HIGH VALLEY MITCHELL		100	102	98	89	87	67	70	73	70	62	-	-	102	98
MAX		100	102	98	89	87	67	70	73	70	62	-	-	102	98
MIN		42	42	37	32	24	22	20	24	26	25	-	-	44	44
AV MAX		87.8	93.3	84.5	79.0	60.5	55.1	54.5	54.5	52.8	49.7	-	-	97.0	89.1
AV MIN		47.5	52.5	46.8	38.0	39.0	34.6	34.6	34.6	31.5	31.6	33.1	33.1	51.6	49.2
AVG		67.7	72.9	65.7	58.5	58.5	48.8	48.8	48.8	43.0	45.7	42.2	41.4	73.6	69.2
KELSEYVILLE		101	103	102	90	88	62	69	75	74	63	96	103	105	100
MAX		101	103	102	90	88	62	69	75	74	63	96	103	105	100
MIN		41	45	39	30	27	24	22	25	26	26	31	44	47	46
AV MAX		88.7	94.1	86.6	80.2	60.9	54.0	55.3	63.4	56.2	53.0	77.5	82.6	96.0	90.9
AV MIN		49.5	54.9	49.1	40.9	40.9	35.6	33.6	33.6	34.0	34.0	43.5	43.5	55.6	52.0
AVG		69.1	74.5	67.8	60.6	60.6	50.9	44.8	44.8	48.2	48.2	60.0	60.0	66.6	71.5
LONG VLY GARNER RCH		104	105	102	93	88	76	80	73	59	92	98	99	-	-
MAX		104	105	102	93	88	76	78	73	23	21	26	26	-	-
MIN		42	37	36.5	-	63.7	60.1	62.9	69.8	55.5	48.3	71.9	77.8	92.1	-
AV MAX		90.6	95.8	86.5	-	43.7	38.7	38.7	38.0	30.3	28.7	37.0	44.8	52.7	-
AV MIN		48.5	53.2	47.2	-	53.7	49.4	50.6	53.9	42.9	38.5	54.5	61.3	72.4	-
AVG		69.6	74.5	66.8	-	-	-	-	-	-	-	-	-	-	-
LOWER LAKE		103	105	101	90	86	64	68	75	62	96	102	101	106	100
MAX		42	43	41	30	25	22	20	22	25	25	30	45	50	44
MIN		90.4	97.4	87.3	81.5	61.3	56.8	55.7	58.3	38.8	33.4	45.9	50.8	59.8	44.1
AV MAX		49.5	54.1	48.4	37.3	37.3	50.1	45.9	45.9	45.9	45.9	46.5	51.6	52.6	50.6
AV MIN		70.0	75.8	67.8	59.4	59.4	45.9	45.9	45.9	45.9	45.9	44.1	61.2	72.9	71.4

TABLE A-4 (Cont.)
TEMPERATURE DATA

Station Name	1967															
	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	
SACRAMENTO RIVER BASIN																
CACHE CREEK A8	98	101	94	86	81	70	62	59	50	45	39	29	102	42	94	
MORGAN VY STANLEY	38	40	32	27	29	25	29	19	18	17.5	88.8	77.5	95.5	86.2	41	
	AV MAX	91.3	80.8	74.3	49.0	52.1	58.6	51.4	47.9	42.3	52.1	48.0	51.9	51.3		
	AV MIN	52.5	47.6	41.1	35.3	35.4	35.0	33.0	31.1	42.2	63.3	63.3	70.5	73.7	69.3	
	AVG	71.9	64.2	57.7	48.3	42.2	43.6	42.2	39.5	56.5						
RUMSEY 1 NW	108	115	112	99	93	70	76	77	80	68	100	107	105	111	103	
	MAX	54	56	48	38	32	29	37	30	38	47	56	60	62.3	54	
	AV MAX	97.7	104.4	94.9	86.8	67.4	57.6	68.2	57.7	57.7	86.8	86.8	66.1	94.4		
	AV MIN	64.2	68.8	63.0	55.1	48.4	41.4	41.4	42.7	51.6	58.2	58.2	72.5	67.2	60.8	
	AVG	81.0	86.6	79.0	71.0	57.9	49.5	50.6	48.1	54.2	67.0	67.0	72.5	84.8	77.6	
PUTAH CREEK A9																
MIDDLETON	100	107	104	93	92	67	76	75	76	65	96	102	100	103	101	
	MAX	29	40	39	31	36	22	21	24	25	26	27	44	42	43	42
	AV MAX	87.7	96.2	88.1	80.8	63.2	57.0	58.9	65.5	60.6	54.1	54.1	51.0	45.5	42	90.9
	AV MIN	44.3	49.7	46.4	41.0	37.9	35.7	30.9	31.2	33.8	33.0	33.0	41.8	52.4	52.7	52.5
	AVG	66.0	73.0	67.2	60.9	50.6	46.4	40.9	48.4	47.2	43.6	43.6	59.6	74.0	75.2	71.7
MIDDLETON 7 NW	92	94	96	84	82	68	68	69	70	58						
	MAX	44	48	44	36	32	30	28	31	28	26					
	AV MAX	81.1	86.9	79.8	75.7	56.9	53.7	55.2	60.8	51.8	46.7					
	AV MIN	55.4	61.5	54.4	49.6	41.9	38.5	38.2	39.5	36.7	32.8					
	AVG	68.3	74.2	67.1	62.7	49.4	46.1	46.7	44.3	44.3	39.8					
PLEASANTS VALLEY																
	MAX	107	109	105	93	86	62	71	74	73	65	100	105	106	100	
	MIN	48	49	48	36	29	25	26	28	28	29	38	46	49	49	
	AV MAX	93.2	99.0	90.3	81.6	65.0	52.2	57.0	61.1	62.6	57.5	57.5	49.2	54.3	52	93.6
	AV MIN	55.0	59.8	58.6	48.3	44.1	39.6	38.1	35.2	37.8	37.7	37.7	50.2	54.3	55.8	57.6
	AVG	74.1	79.4	74.4	65.0	54.6	45.9	47.6	48.7	47.6	47.6	47.6	65.9	69.5	80.0	75.6

TABLE A-4 (Cont.)
TEMPERATURE DATA

Station Name	1966												1967												
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Moy.	June	July	Aug.	Sept.	July	Aug.	Sept.	July	Aug.	Sept.	July	Aug.	Sept.	
SAN JOAQUIN RIVER BASIN																									
SAN JOAQUIN VALLEY FLOOR BO																									
CAMANCHE DAM	MAX MIN AV MAX AV MIN AVG	101 48 88.8 54.5 71.7	104 94.1 57.3 75.7	99 87.4 53.0 70.2	93 78.9 45.2 62.0	87 65.8 44.1 55.0	64 51.9 41.1 46.5	25 54.0 35.7 44.9	64 56.4 37.1 46.7	66 61.4 40.5 51.0	70 57.7 41.2 49.5	65 34 41.2 49.5	98 42 51.2 63.5	102 47 51.2 67.7	104 96.9 58.1 77.5	107 97.0 60.6 78.8	99 49 90.0 73.6								
CAMANCHE NORTH STA	MAX MIN AV MAX AV MIN AVG	107 50 97.5 61.5 75.5	109 51 99.1 61.5 80.3	103 50 91.2 58.0 74.6	93 43 81.0 51.4 66.2	86 34 66.6 47.6 57.1	64 31 51.8 42.0 46.9	26 53.9 38.1 38.1 48.6	66 57.4 39.8 42.8 48.6	70 61.4 42.8 42.8 52.1	64 36 42.8 43.0 50.5	99 36 52.5 43.0 66.2	104 40 80.0 43.0 66.2	106 48 84.8 52.5 70.2	107 54 99.1 65.3 81.2	98 49 91.0 65.3 82.2									
CAMANCHE SOUTH STA	MAX MIN AV MAX AV MIN AVG	106 52 92.5 60.2 76.4	108 56 98.1 63.2 80.7	101 52 90.5 59.7 75.1	93 46 81.4 53.9 67.6	89 38 68.0 49.7 58.8	65 30 53.3 43.1 48.2	64 30 55.7 40.2 48.0	68 36 57.5 42.5 50.0	70 37 62.6 45.1 53.9	65 38 58.8 44.5 51.7	98 44 79.8 79.8 66.8	104 49 85.4 85.4 71.7	105 58 98.9 67.7 83.1	98 54 92.0 67.3 78.4										
CENTRAL VALLEY HATCH	MAX MIN AV MAX AV MIN AVG	99 49 91.1 57.0 74.0	101 46 84.4 54.1 69.3	96 37 76.6 46.8 61.7	87 32 64.8 44.0 54.4	84 26 52.6 39.6 46.1	64 26 52.6 39.6 44.7	62 26 53.2 39.2 44.7	67 30 58.1 40.4 47.7	70 30 62.5 40.4 51.4	68 38 61.5 40.1 50.8	98 46 79.4 48.6 64.0	104 46 81.5 52.9 67.2	105 52 93.3 59.3 76.1	98 53 86.8 59.3 72.1										
GALT	MAX MIN AV MAX AV MIN AVG	108 50 96.5 57.8 77.2	113 50 100.8 59.5 80.2	105 50 92.3 54.9 73.6	91 40 80.0 47.6 63.8	80 33 64.0 43.4 53.7	63 29 52.1 40.8 46.5	61 28 51.9 36.7 44.3	61 28 51.9 36.7 44.3	- - - - -	- - - - -	76 34 65.7 40.9 53.3	108 42 89.4 90.6 70.2	109 46 102.0 102.0 72.7	107 56 98.9 102.0 80.7	100 52 93.3 59.4 78.8									
KJOY RADIO	MAX MIN AV MAX AV MIN AVG	104 54 90.1 58.1 74.1	105 54 93.2 62.0 77.6	102 48 87.0 56.8 71.9	92 40 79.5 51.3 65.4	85 34 52.1 43.5 47.8	64 33 52.1 43.5 46.9	62 28 54.0 39.9 49.2	68 28 57.4 41.0 49.2	74 35 63.2 42.6 52.9	67 35 60.0 42.6 51.4	100 42 84.9 56.3 67.2	102 50 94.8 52.6 70.6	105 58 95.9 63.1 79.0	99 55 90.1 64.0 80.0										
LOCKEFORD	MAX MIN AV MAX AV MIN AVG	104 45 91.6 52.2 71.9	107 48 95.5 55.3 75.4	100 48 87.6 51.2 69.4	90 33 77.6 43.7 60.6	82 28 62.4 41.4 51.9	62 23 50.9 34.4 42.6	59 27 55.2 35.4 45.3	69 69 59.7 37.9 48.8	65 30 58.4 37.3 48.8	94 34 78.6 45.0 61.8	103 43 84.0 49.0 61.8	104 49 96.7 50 67.8	98 50 89.6 55.2 77.3											

TABLE A-4 (Cont.)
TEMPERATURE DATA

Station Name	TEMPERATURE IN DEGREES FAHRENHEIT														
	1966			1967											
	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
SAN JOAQUIN RIVER BASIN															
COSTUMNE RIVER B1															
CEDARVILLE TREE FARM MAX	93	98	87	86	72	65	54	42	35	27	18	93	94	48	88
MIN	42	41	30	30	24	20	25	25	27	27	20	27	35	49	45
AV MAX	84.2	89.4	77.3	66.2	58.9	53.0	51.5	46.2	46.7	46.7	30.7	53.8	73.3	89.8	81.2
AV MIN	50.2	54.1	40.4	39.6	31.4	31.4	31.4	29.9	29.9	29.9	40.8	40.0	46.7	54.2	50.7
AVG	67.2	71.7	58.9	50.9	42.3	42.3	42.3	38.0	38.0	38.0	40.8	40.0	70.8	73.4	65.9
D'AGOSTINI WINERY															
MAX	101	104	100	88	62	68	68	94	101	103	42	53	54	58.4	96
MIN	44	44	39	35	25	28	29	30	34	34	30	30	34	98.4	50
AV MAX	86.4	94.7	85.3	77.3	62.3	51.4	51.4	50.4	47.4	47.4	37.0	37.0	47.4	98.4	89.0
AV MIN	53.3	59.8	52.1	45.6	43.3	35.3	35.3	35.6	43.0	43.0	46.3	46.3	46.5	64.3	57.5
AVG	69.9	77.3	68.7	61.4	52.8	43.3	43.3	46.5	43.0	43.0	46.3	46.3	46.5	71.4	73.2
DIAMOND SPRINGS															
MAX	98	103	96	87	64	65	69	68	60	60	59	60	99	100	100
MIN	40	44	40	36	25	25	26	26	30	30	30	30	40	56.6	97
AV MAX	88.2	93.6	84.1	76.5	62.7	51.0	52.1	58.6	56.7	56.7	51.3	51.3	78.1	94.8	52
AV MIN	56.8	61.5	53.9	48.0	43.6	34.7	35.9	36.5	36.9	36.9	43.0	43.0	63.6	66.8	-
AVG	72.5	77.5	69.0	62.3	53.2	42.8	42.8	47.5	46.8	46.8	47.5	47.5	79.2	81.7	-
PLYMOUTH 6 NW															
MAX	102	105	99	86	59	66	63	65	63	63	32	32	40	102	104
MIN	45	50	44	33	30	26	27	27	20	20	24	24	52	52	94
AV MAX	90.2	95.2	85.2	75.5	60.8	48.7	53.1	56.9	55.3	55.3	34.8	34.8	82.7	97.1	51
AV MIN	50.9	55.3	50.6	42.5	41.1	38.2	34.2	42.8	34.0	34.0	36.9	36.9	45.8	57.0	56.5
AVG	70.5	75.2	67.9	59.0	50.9	43.5	43.5	42.8	42.8	42.8	46.3	46.3	66.6	76.4	71.8
SLY PARK															
MAX	97	100	97	88	83	68	69	72	68	68	53	91	96	99	101
MIN	42	42	35	30	27	22	20	24	25	25	24	24	33	51.9	95
AV MAX	86.1	91.9	82.9	76.2	59.5	52.8	53.2	59.1	51.8	51.8	31.0	31.0	74.7	91.9	46
AV MIN	50.2	53.5	47.1	40.6	37.2	31.1	42.0	45.1	41.3	41.3	41.3	41.3	40.7	47.7	56.5
AVG	68.1	72.7	65.0	58.4	48.3	42.0	42.0	45.1	41.3	41.3	36.7	36.7	56.0	73.6	67.8
SOMERSET 5 ESE															
MAX	95	100	95	85	89	69	70	73	63	54	26	27	33	95	99
MIN	48	45	42	35	32	26	26	28	20	24	14.4	14.4	46.6	59	53
AV MAX	85.1	90.1	82.5	79.7	60.5	54.4	55.2	60.4	52.0	52.0	42.6	42.6	70.9	90.7	84.0
AV MIN	58.0	63.0	56.5	53.6	42.6	37.4	37.5	38.7	31.8	31.8	45.9	45.9	47.4	64.5	60.1
AVG	71.6	76.5	69.5	66.6	51.5	45.9	45.9	49.6	39.2	39.2	43.8	43.8	59.2	77.6	72.1

TABLE A-4 (Cont.)
TEMPERATURE DATA

Station Name	1966												1967												
	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.										
SAN JOAQUIN RIVER BASIN																									
MOKELEMNE-GALAVERTAS RIVERS B2																									
ALTAVILLE	MAX 102	105	98	90	88	74	63	71	71	69	62	60	53	93	103	104	106	105	104	103	102	101	100	97	
MIN 41	43	41	46	32	28	-	-	24	24	28	28	60	53	29	39	50	54	52	52	51	50	49	48	45	
AV MAX	92.2	98.2	86.5	79.9	65.0	42.0	-	58.0	60.9	77.6	84.7	43.3	55.5	97.9	97.9	99.9	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	
AV MIN	53.7	57.7	49.6	43.6	42.0	-	-	32.3	31.4	37.0	43.3	46.1	48.8	50.5	50.5	50.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	
AVG	73.0	78.0	68.1	61.8	53.5	-	-	45.2	46.1	48.8	44.7	-	-	60.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
HOGAN DAM	MAX 101	105	99	89	87	65	63	68	69	62	62	61.0	56.5	77.6	82.2	82.2	82.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
MIN 41	43	38	36	30	31	24	21	21	21	20	20	31.0	31.0	77.6	82.2	82.2	82.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
AV MAX	89.8	95.2	86.6	78.8	66.1	51.4	54.1	54.1	54.1	54.1	54.1	34.4	38.8	46.1	50.0	50.0	50.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
AV MIN	50.3	55.0	48.9	43.5	41.9	37.5	33.0	33.0	33.0	33.0	33.0	45.1	49.9	47.7	61.9	61.9	61.9	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
AVG	70.1	75.1	67.7	61.1	54.0	44.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JACKSON 1 NW	MAX 98	101	96	86	85	63	66	66	65	57	57	52.8	52.8	72.7	80.7	80.7	80.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
MIN 46	46	46	43	36	34	27	27	27	27	31	31	55.6	55.6	72.7	80.7	80.7	80.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
AV MAX	87.4	91.6	83.0	75.5	62.6	49.4	49.4	49.4	49.4	53.3	53.3	38.7	38.7	48.4	52.4	52.4	52.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
AV MIN	56.3	62.2	54.6	49.7	45.1	35.7	35.7	35.7	35.7	35.7	35.7	46.2	46.2	47.2	60.5	60.5	60.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
AVG	71.8	76.9	68.8	62.6	53.9	42.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOKELEMNE HILL 5 E	MAX 96	103	98	87	85	61	66	66	71	71	71	71	71	62	25	25	25	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
MIN 45	45	40	34	28	25	22	22	22	22	26	26	26	26	26	26	26	26	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
AV MAX	87.7	94.5	84.0	76.7	61.5	51.0	51.0	51.0	51.0	59.7	59.7	58.9	58.9	58.9	55.2	55.2	55.2	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
AV MIN	52.8	56.8	50.3	43.3	41.6	33.2	33.2	33.2	33.2	32.5	32.5	32.5	32.5	32.5	33.3	33.3	33.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
AVG	70.2	75.6	67.2	60.0	51.6	42.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRESTON SCHOOL	MAX 105	108	101	90	83	62	62	62	69	70	70	69	69	70	67	67	67	40	40	40	40	40	40	40	40
MIN 54	52	50	39	35	27	25	25	25	34	34	34	34	34	34	33	33	33	40	40	40	40	40	40	40	40
AV MAX	97.4	97.4	88.0	79.7	63.2	51.0	51.0	51.0	51.0	57.5	57.5	61.5	61.5	61.5	59.6	59.6	59.6	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
AV MIN	61.5	62.2	57.3	50.4	47.1	41.6	41.6	41.6	41.6	37.5	37.5	39.5	39.5	39.5	42.8	42.8	42.8	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
AVG	77.4	79.8	72.7	65.0	55.1	46.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RAILROAD FLAT	MAX 98	101	96	88	87	71	73	73	66	57	57	53.7	53.7	77.7	77.7	77.7	77.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
MIN 44	38	37	31	27	20	20	25	25	25	25	25	25	25	25	21	21	21	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
AV MAX	86.8	92.3	83.9	76.0	61.4	47.1	47.1	47.1	47.1	38.5	38.5	31.9	31.9	31.9	30.8	30.8	30.8	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
AV MIN	51.1	53.8	45.5	39.0	35.5	27.0	27.0	27.0	27.0	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
AVG	69.0	73.0	65.5	58.2	49.9	39.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAN ANDREAS 2 S	MAX 104	107	100	93	90	71	68	68	73	73	73	69	69	69	98	98	98	104	104	104	104	104	104	104	104
MIN 42	44	38	38	27	27	20	20	20	20	20	20	20	20	20	20	20	20	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
AV MAX	91.8	96.5	87.6	80.4	73.4	53.4	53.4	53.4	53.4	56.0	56.0	59.0	59.0	59.0	58.2	58.2	58.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
AV MIN	51.0	52.4	46.9	40.4	38.0	32.6	32.6	32.6	32.6	45.0	45.0	53.0	53.0	53.0	45.8	45.8	45.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
AVG	71.4	74.5	67.2	60.9	59.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE A-4 (Cont.)
TEMPERATURE DATA

TEMPERATURE IN DEGREES FAHRENHEIT

Station Name	1966												1967					
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.			
SAN JOAQUIN RIVER BASIN																		
MOKEJUMNE-CALAVERAS RIVERS B2																		
SAN ANDREAS R S	MAX MIN AV MAX AV MIN AVG	103 42 92.3 50.8 71.5	104 43 97.4 57.2 77.3	100 40 90.2 50.3 70.3	96 34 84.7 42.5 63.6	89 24 67.6 38.3 53.0	75 22 53.4 36.0 44.7	71 28 59.1 31.2 45.1	74 24 62.8 33.3 47.5	62 30 56.4 35.3 45.9	97 29 78.6 43.0 60.8	103 41 84.9 49.5 67.2	106 49 100.5 57.7 79.1	110 47 100.5 57.7 79.1	99 45 89.6 52.4 71.0			
WEST POINT 3 SW	MAX MIN AV MAX AV MIN AVG	96 46 86.4 54.2 70.3	101 42 92.4 59.8 76.1	98 42 86.2 55.0 70.6	90 39 77.5 49.1 63.3	86 27 61.9 43.3 52.6	66 27 53.2 37.2 45.2	70 29 61.3 38.6 46.9	68 61 56.8 37.5 46.8	61 27 49.7 34.0 41.9	89 33 72.3 44.2 58.3	- - - - -	- - - - -	- - - - -	100 54 88.1 60.2 74.1	90 50 78.6 54.5 66.6		
WILSEXYVILLE SCHAAKS	MAX MIN AV MAX AV MIN AVG	102 38 90.5 51.6 71.1	104 40 97.3 55.8 76.5	100 36 88.5 49.1 68.8	92 30 83.0 43.0 63.0	90 26 63.4 38.7 51.1	60 18 54.1 32.2 43.1	80 17 58.1 31.4 44.7	78 72 62.8 31.2 47.0	56 21 47.2 32.2 43.4	56 21 47.2 27.3 37.3	- - - - -	- - - - -	- - - - -	100 54 88.1 60.2 74.1	90 50 78.6 54.5 66.6		
SAN JOAQUIN VALLEY WESTSIDE B8	MAX MIN AV MAX AV MIN AVG	102 52 86.7 61.1 73.9	103 58 93.9 65.3 79.6	100 52 84.9 61.9 73.4	90 50 76.4 56.1 66.2	80 34 62.7 48.4 55.6	62 30 51.3 43.3 47.3	70 30 57.1 39.5 46.9	68 32 58.4 38.8 48.0	66 32 58.4 40.1 50.4	100 40 77.6 50.2 63.9	101 50 81.1 56.9 69.0	104 52 95.9 64.4 80.2	106 58 96.3 63.7 80.0	92 58 87.5 60.6 74.0			
ALTAMONT 4 E	MAX MIN AV MAX AV MIN AVG	102 52 86.7 61.1 73.9	103 58 93.9 65.3 79.6	100 52 84.9 61.9 73.4	90 49 77.7 54.9 66.3	82 36 64.6 48.6 56.6	64 31 53.3 42.4 47.8	70 37 59.3 42.8 51.8	74 38 63.8 42.8 54.9	69 37 60.8 45.5 53.1	94 49 79.1 56.7 67.9	99 52 82.8 60.8 71.8	103 58 95.7 65.4 78.6	103 58 88.0 64.9 81.6	98 60 87.5 60.6 74.0			
PITTSBURG DOW CHEM	MAX MIN AV MAX AV MIN AVG	97 56 85.5 61.1 72.6	102 56 90.2 61.5 75.8	100 56 84.9 62.0 73.4	90 49 77.7 54.9 66.3	82 36 64.6 48.6 56.6	64 31 53.3 42.4 47.8	70 37 59.3 42.8 51.8	74 38 63.8 42.8 54.9	69 37 60.8 45.5 53.1	94 49 79.1 56.7 67.9	99 52 82.8 60.8 71.8	103 58 95.7 65.4 78.6	103 58 88.0 64.9 81.6	98 60 87.5 60.6 74.0			
SACRAMENTO-SAN JOAQUIN DELTA B9	MAX MIN AV MAX AV MIN AVG	100 50 84.6 57.2 70.8	102 51 88.4 58.0 73.2	100 54 86.5 57.5 72.0	89 40 78.5 50.7 64.6	83 32 65.6 44.0 54.8	62 29 52.1 38.8 45.4	64 23 54.1 34.2 44.2	67 31 57.5 37.4 47.5	65 34 62.4 43.0 52.2	92 44 76.9 54.9 65.6	95 53 78.9 54.2 68.0	100 53 90.5 61.9 76.2	104 45 92.9 58.5 75.7	95 47 86.1 58.5 72.3			
BRANNAN ISLAND	MAX MIN AV MAX AV MIN AVG	100 50 84.6 57.2 70.8	102 51 88.4 58.0 73.2	100 54 86.5 57.5 72.0	89 40 78.5 50.7 64.6	83 32 65.6 44.0 54.8	62 29 52.1 38.8 45.4	64 23 54.1 34.2 44.2	67 31 57.5 37.4 47.5	65 34 62.4 43.0 52.2	92 44 76.9 54.2 65.6	95 53 78.9 54.2 68.0	100 53 90.5 61.9 76.2	104 45 92.9 58.5 75.7	95 47 86.1 58.5 72.3			

TABLE A-4 (Cont.)
TEMPERATURE DATA

Station Name	TEMPERATURE IN DEGREES FAHRENHEIT														
	1966				1967										
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
SAN JOAQUIN RIVER BASIN															
SACRAMENTO-SAN JOAQUIN DELTA B9															
BRENTWOOD	MAX 102	104	102	87	83	67	64	67	68	97	101	103	104	99	99
	MIN 50	52	50	40	32	28	28	30	32	30	45	48	43	43	43
	AV MAX	89.8	93.6	87.7	77.8	53.0	55.6	57.8	62.3	60.1	83.0	95.7	98.0	89.3	89.3
	AV MIN	56.1	58.6	56.0	48.2	45.4	36.4	37.1	40.2	39.2	47.4	51.9	56.1	54.5	54.5
	AVG	73.0	76.1	71.9	63.0	54.7	46.5	47.4	51.3	49.7	63.4	67.4	77.0	71.9	71.9
ISLETON	MAX 98	104	99	86	82	62	64	-	72	65	96	-	105	109	RE
	MIN 56	56	50	40	35	27	-	-	36	39	45	-	54	55	RE
	AV MAX	88.8	93.8	89.4	79.4	63.9	56.0	-	42.4	61.0	80.3	-	56.4	58.3	RE
	AV MIN	58.5	62.1	57.5	49.0	44.6	41.6	-	42.7	52.3	-	-	60.0	60.4	RE
	AVG	73.6	77.4	73.5	64.2	54.4	48.8	-	53.9	51.4	66.3	-	78.2	79.3	RE
MOUNTAIN HOUSE	MAX 101	104	98	86	78	64	64	66	68	66	97	102	103	105	96
	MIN 53	56	53	47	38	31	30	36	38	33	42	52	55	57	57
	AV MAX	87.9	92.9	85.2	76.4	63.8	53.1	55.2	56.7	52.9	78.2	82.7	85.6	87.3	88.2
	AV MIN	57.3	60.7	59.3	54.1	47.5	41.4	41.4	40.2	43.6	52.6	52.2	64.2	64.2	62.1
	AVG	72.6	77.3	72.2	65.3	55.7	47.3	47.7	48.5	53.3	51.5	65.9	69.5	80.0	75.2
RIO VISTA	MAX 102	104	100	86	84	62	68	66	70	66	95	100	102	105	99
	MIN 53	52	54	42	38	28	28	32	36	37	39	46	56	56	58
	AV MAX	87.4	91.8	86.1	77.9	64.8	52.3	53.8	57.8	62.4	77.8	81.1	93.4	94.6	88.7
	AV MIN	57.2	59.1	58.3	52.1	47.0	41.8	36.0	39.1	42.1	53.1	54.7	60.9	61.0	60.3
THORNTON 3 SSE	MAX 100	100	95	86	83	60	62	60	69	63	95	-	99	100	96
	MIN 46	46	44	35	28	25	24	25	28	32	34	45	47	47	46
	AV MAX	83.6	87.7	75.0	61.7	49.3	52.6	52.6	59.4	56.7	76.4	76.8	-	92.1	92.1
	AV MIN	50.9	53.5	51.7	45.8	42.3	38.0	38.0	39.4	38.5	46.3	48.6	-	55.1	55.1
	AVG	67.2	70.6	67.2	60.4	52.0	43.7	44.1	49.2	47.6	61.4	62.7	-	73.6	73.6
TRACY FIRE STATION	MAX 99	102	97	89	80	58	64	64	71	68	100	103	104	106	96
	MIN 50	51	50	41	33	26	27	27	33	32	39	45	40	54	46
	AV MAX	82.5	92.3	84.9	76.5	62.2	49.0	52.9	55.8	59.7	80.9	84.7	97.1	98.3	90.0
	AV MIN	55.7	59.5	56.6	48.8	45.2	39.9	45.5	47.7	51.8	50.7	53.5	61.0	63.4	61.4
	AVG	69.1	75.9	70.8	62.6	53.7	45.1	45.1	47.7	51.8	50.7	57.7	71.2	80.9	75.7
TRACY S P	MAX 105	106	102	94	85	66	65	70	85	70	100	105	105	110	100
	MIN 45	50	43	38	28	25	25	29	30	25	34	41	50	50	50
	AV MAX	88.7	95.2	87.5	80.9	67.3	53.7	57.2	61.7	61.7	83.8	87.2	97.9	92.8	92.8
	AV MIN	54.3	57.8	54.2	45.5	41.8	35.5	35.5	37.9	39.2	44.5	48.9	59.3	60.8	55.3
	AVG	71.5	76.5	70.8	63.2	54.6	46.0	46.3	49.0	49.0	64.1	68.0	78.6	74.0	74.0

TABLE A-4 (Cont.)
TEMPERATURE DATA

Station Name	TEMPERATURE IN DEGREES FAHRENHEIT															
	1966				1967											
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	
NORTH LAHONTAN AREA																
SURPRISE VALLEY G1																
CEDARVILLE 12 SE	MAX MIN AV MAX AV MIN AVG	99 35 83.7 51.9 67.8	95 42 77.0 55.0 71.0	92 38 77.5 48.3 63.1	80 20 67.7 38.3 53.0	70 14 50.1 26.4 41.5	53 57 42.7 24.6 33.7	60 57 48.3 27.8 38.1	63 52 48.1 26.5 35.6	52 25 44.7 26.5 35.6	88 25 72.4 39.4 53.6	91 32 88.4 56.7 59.7	97 49 91.1 58.0 72.6	98 47 88.4 56.7 74.6	91 36 81.9 59.0 66.4	
EAGLEVILLE 2 S	MAX MIN AV MAX AV MIN AVG	101 33 87.4 47.7 67.6	97 39 89.3 44.6 70.4	93 38 79.0 68.6 61.8	85 17 51.3 43.4 40.8	73 11 51.3 42.6 35.2	58 57 43.2 21.6 32.4	62 57 49.9 29.8 37.4	70 58 19 19.1 38.8	21 19 47.6 28.5 37.1	91 26 71.7 28.5 37.5	94 33 78.6 47.0 54.8	97 49 78.6 47.0 62.8	98 47 88.4 56.7 74.6	91 36 81.9 59.0 66.4	
EAGLE LAKE G3																
EAGLE LAKE NELSON	MAX MIN AV MAX AV MIN AVG	99 30 83.1 42.5 62.8	98 36 86.9 43.5 65.2	90 32 75.9 42.2 59.1	86 22 66.5 30.8 48.6	64 4 47.3 30.6 39.0	38 4 32.6 22.7 27.7	- - - - -	- - - - -	- - - - -	90 24 68.5 37.8 53.2	94 35 72.6 44.7 58.7	96 45 88.0 51.5 69.8	94 46 88.7 52.9 70.8	93 38 77.1 47.6 62.4	
SUSAN RIVER G4																
JANESVILLE FLETCHER	MAX MIN AV MAX AV MIN AVG	95 36 85.9 46.0 66.0	97 40 87.3 51.1 69.2	89 37 76.1 44.8 60.5	77 22 64.2 34.1 49.2	64 17 48.7 31.4 40.0	46 14 36.2 25.5 30.8	50 12 41.1 21.9 31.5	62 16 47.3 25.0 36.2	59 20 50.2 27.2 38.7	88 22 50.8 38.6 39.0	88 18 54.8 39.0 54.8	99 34 70.4 45.5 53.4	100 37 90.9 46.6 68.8	99 41 92.1 51.1 71.6	99 29 81.8 46.0 63.9
LASSEN CONSERV CTR	MAX MIN AV MAX AV MIN AVG	102 30 85.3 39.8 62.6	98 34 90.5 49.2 69.9	94 30 80.4 41.7 61.1	87 16 69.8 28.5 49.2	74 13 54.9 29.5 42.2	52 14 38.9 25.1 32.0	58 4 43.5 18.8 31.2	66 10 48.9 23.2 36.1	54 20 45.5 28.6 37.1	87 22 69.5 37.3 53.4	87 18 45.5 37.3 53.4	100 34 70.4 45.9 53.4	100 37 90.9 46.6 68.8	99 41 92.1 51.1 71.6	99 29 81.8 46.0 63.9
SECRET VALLEY	MAX MIN AV MAX AV MIN AVG	101 33 86.5 42.2 64.4	99 31 90.5 47.9 69.2	94 25 81.3 37.2 59.3	86 9 71.8 23.8 47.8	73 5 52.2 39.6 38.8	47 - 43.2 - -	55 - 19.1 31.2 37.8	67 14 52.1 23.5 37.1	63 10 50.3 23.9 36.5	90 20 46.0 26.9 36.5	97 35 77.9 41.2 53.1	101 35 91.1 41.2 53.1	101 35 92.9 44.0 67.6	101 35 83.3 45.0 69.0	

TABLE A-4 (Cont.)
TEMPERATURE DATA

Station Name	1967													
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
TEMPERATURE IN DEGREES FAHRENHEIT														
NORTH LAHONTAN AREA														
SUSAN RIVER G4	-	98	93	82	72	44	58	59	60	89	94	100	48	96
SUSANVILLE CTHSE	MAX	39	38	25	12	12	18	18	19	27	32	48	49	87
	MIN	88.7	79.3	68.5	51.3	36.4	43.0	50.0	48.0	70.8	75.5	89.0	90.2	36
	AV MAX	-	53.8	47.3	35.6	32.7	25.5	22.1	26.1	41.5	46.7	54.1	56.7	78.2
	AV MIN	-	71.3	63.3	52.1	42.0	31.0	32.6	38.1	39.2	56.2	61.1	71.6	50.3
	AVG	-												64.3
WILLOW CR MURRER RCH	MAX	98	96	92	82	71	46	54	60	60	54	86	94	99
	MIN	30	28	12	12	12	2	2	10	12	11	20	20	86
	AV MAX	84.4	88.7	78.6	66.5	49.8	39.0	41.4	48.1	48.3	45.4	69.2	74.8	34
	AV MIN	40.0	44.1	37.6	25.6	25.2	20.3	18.9	24.0	34.8	24.0	34.8	40.8	79.1
	AVG	62.2	66.4	58.1	46.1	37.5	29.7	30.2	33.8	34.7	36.2	52.0	57.8	46.7
HERLONG G6														
DOYLE	MAX	106	102	95	84	70	58	54	68	66	62	97	102	104
	MIN	38	36	32	16	16	10	14	18	18	22	24	33	44
	AV MAX	94.4	94.5	83.2	69.0	54.7	39.1	42.2	50.6	52.1	52.1	76.4	80.7	97.3
	AV MIN	47.9	52.0	43.3	33.2	31.3	24.8	23.8	26.3	28.4	29.2	40.1	45.6	54.7
	AVG	71.2	73.3	63.3	51.1	43.0	32.0	32.0	38.5	40.9	40.7	58.3	63.2	76.0
HERLONG S O D	MAX	-	97	93	86	72	-	56	64	-	59	-	-	-
	MIN	-	40	36	20	16	16	18	18	-	24	-	-	-
	AV MAX	-	90.5	80.9	71.4	56.2	-	44.7	52.6	-	51.4	-	-	-
	AV MIN	-	57.8	47.7	34.7	33.7	-	21.6	26.6	-	32.4	-	-	-
	AVG	-	74.2	64.3	53.0	45.0	-	33.2	39.6	-	41.9	-	-	-
LONG VALLEY INSP STN	MAX	100	97	90	80	71	72	58	64	63	60	87	96	97
	MIN	33	32	28	14	10	10	0	10	12	16	16	32	36
	AV MAX	86.2	87.7	77.4	65.7	53.6	42.6	44.0	49.0	50.5	50.4	71.3	76.7	89.9
	AV MIN	42.9	46.8	39.4	29.2	28.4	21.6	21.6	23.3	25.3	24.8	33.7	40.8	90.0
	AVG	64.6	67.3	58.4	47.5	41.0	32.1	32.1	36.2	37.6	37.6	52.5	58.8	69.2
TRUCKEE RIVER G7														
D L BLISS S P	MAX	91	88	84	74	66	50	55	53	55	47	71	85	88
	MIN	36	37	29	22	14	12	9	9	12	10	17	28	45
	AV MAX	77.3	81.8	71.0	62.9	47.9	39.5	40.4	44.0	41.1	37.1	51.0	68.8	80.9
	AV MIN	46.5	49.0	42.9	34.7	34.7	22.6	22.4	21.4	24.3	24.3	32.7	43.8	52.1
	AVG	61.9	65.4	56.9	48.8	39.0	31.1	31.1	31.4	32.7	32.7	27.8	45.5	58.3

TABLE A-4 (Cont.)
TEMPERATURE DATA

Station Name	1966												1967				
	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.		
NORTH LAHONTAN AREA																	
TRUCKEE RIVER G7																	
MEYERS RANGER STN	91.1	89.6	84.0	76.0	72.4	56.5	58.6	62.0	57.4	49.2	34.0	24.5	-28	-28	-25		
MAX	24.1	26.0	20.0	11.1	4.4	46.0	46.0	46.0	41.1	21.3	10.8	69.8	30.1	33.1	37.9		
MIN	80.2	83.6	75.5	68.6	54.5	23.8	16.1	15.6	15.9	35.3	31.2	25.0	40.1	40.4	-		
AV MAX	38.6	38.2	34.0	23.6	23.6	16.1	15.6	15.6	15.9	28.5	31.0	25.6	51.4	61.6			
AV MIN	60.9	54.8	54.8	46.1	39.1	31.0	30.8	30.8	30.8	35.3	31.2	31.2	51.4				
Avg	59.4																
CARSON RIVER G8																	
GROVER HOT SPRINGS	96.0	93.1	88.0	79.0	74.0	59.0	60.0	59.0	53.0	49.7	48.9	46.9	24.2	37.0	86.7	86.4	
MAX	28.0	31.8	24.4	17.6	12.3	52.3	44.9	45.3	42.3	21.0	19.5	19.5	21.3	17.0	27.0	28.0	
MIN	83.2	85.8	44.4	38.3	27.4	27.0	21.0	19.5	17.9	33.0	32.4	34.3	35.6	30.8	36.7	75.5	
AV MAX	43.0	44.4	38.3	38.3	46.9	39.7	39.7	39.7	39.7					47.7	53.7	45.6	
AV MIN	63.1	65.1	57.2	46.9												65.4	
Avg																	58.2
WALKER RIVER G9																	
TOPAZ LAKE	98.0	96.0	89.0	82.0	71.0	58.0	66.0	67.0	66.0	18.0	14.0	16.0	23.0	28.0	38.0	94.0	
MAX	48.0	46.0	34.0	26.0	15.0	46.2	53.5	51.5	47.6	24.7	27.0	26.7	30.2	41.4	52.1	89.0	
MIN	88.5	89.2	79.8	69.3	55.5	33.9	37.3	33.9	33.9	36.6	44.7	36.1	40.1	38.3	55.0	62.0	
AV MAX	56.0	57.2	47.3	37.3	37.3	33.9	33.9	33.9	33.9								
AV MIN	72.3	73.2	63.5	53.3	53.3	44.7											
SOUTH LAHONTAN AREA																	
MONO LAKE VO																	
CONWAY SUMMIT	88.0	84.0	74.0	68.0	58.0	54.0	56.0	52.0	48.0	38.4	37.8	43.8	35.5	26.6	86.3	82.4	
MAX	38.0	38.0	26.0	16.0	6.0	45.4	45.4	45.4	43.8	27.2	21.0	21.0	19.6	16.0	39.6	44.7	
MIN	73.1	75.5	63.6	56.5	34.1	34.1	34.1	34.1	34.1	36.3	36.3	36.3	32.4	25.8	51.7	64.7	
AV MAX	49.0	50.6	42.9	34.1	34.1	34.1	34.1	34.1	34.1								
AV MIN	61.1	63.0	53.2	45.3													
Avg																	54.1

TABLE A-5 EVAPORATION DATA

The definition of terms and the abbreviations used in connection with Table A-5 are as follows:

- EVAP - The total amount of water evaporated from the pan in inches for the month.
- WIND - The amount of movement of air over the pan in miles for the month.
- AV MAX - The arithmetic average of daily maximum water temperatures in degrees Fahrenheit for the month.
- AV MIN - The arithmetic average of daily minimum water temperatures in degrees Fahrenheit for the month.
- - Record incomplete or missing.
- RB - Record began.
- RE - Record ended.

TABLE A-5 (Cont.)
EVAPORATION DATA

Station Name	Total July To June 30	Evaporation in Inches												Wind in Total Miles						Total Oct. 1 To Sept. 30	
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.					
1966																					
SACRAMENTO RIVER BASIN																					
SACRAMENTO VALLEY FLOOR A0																					
AERODET	EVAP	76.76	12.82	13.54	8.95	6.77	2.35	1.30	1.27	2.88	4.03	4.80	9.26	8.79	13.24	13.84	8.83	77.36			
ANDERSON 4 E	EVAP	9.29	9.01	6.68	4.51	1.95	0.79	RE													
CHICO EXPER. STN.	EVAP WIND	59.50 17234	10.70 1550	9.77 1209	7.62 1091	1.61 1477	0.64 1365	1.04 1630	1.56 998	3.12 2259	2.65 1820	7.81 1434	8.15 1229	10.09 1154	9.47 954	7.29 1001	58.26 16400				
COON CREEK EXP. PLOT	EVAP WIND	66.92 17721	11.76 2671	11.60 1834	9.70 1473	6.09 1242	3.53 1048	0.67 1170	0.73 1307	2.86 823	2.54 1741	6.35 1799	8.40 1350	10.86 1313	9.69 1036	7.00 766	61.41 14780				
DAVIS 2 WSW	EVAP WIND	75.29 30384	12.50 2987	12.03 2317	9.19 2166	6.76 2164	2.31 2372	0.91 50.8	1.56 52.6	2.27 3251	3.96 1699	3.81 1995	9.63 84.3	10.36 85.9	13.72 2283	12.77 2409	9.65 1929	77.71 2332	295.84		
LAKE SOLANO	EVAP WIND	76.43 23716	12.39 2030	12.41 1890	10.07 2335	7.12 2232	2.43 1754	1.05 46.2	2.50 42.6	2.27 40.3	3.96 42.0	52.8 43.1	56.2 43.0	60.5 43.0	60.4 43.0	60.5 43.0	60.4 43.0	58.2 43.0	49.6 43.0		
RED BLUFF 5 E	EVAP WIND	59.66 9.35	9.17	6.82	5.15	2.13	0.88	2.16	2.40	3.18	2.98	3.70 1938	3.42 2196	9.84 2270	13.19 1829	13.19 1489	11.96 1396	9.26 1396	75.97 1771	22117	
SACRAMENTO REFUGE	EVAP	11.63	11.14	8.78	6.18	2.05	1.00	RE													
THERMALITO AFTERBAY	EVAP	71.24	13.18	12.73	9.83	7.08	3.93	2.59	1.80	1.47	3.54	3.18	2.98	7.31 1615	8.13 896	8.70 910	9.22 571	7.02 719	60.26 -		
WILLOWS USBR	EVAP WIND																				
YUBA CITY 7 W	EVAP	8.33	7.89	6.72	4.87	2.15	0.95	RE													
PIT RIVER A1	EVAP	8.21	7.86	5.89	3.86	RE															
ALTURAS 2 SE	EVAP	9.72	8.85	6.31	4.19	RE															
GLENBURN DWR	EVAP																				
SHASTA LAKE A2	EVAP WIND	9.77 11054	10.27 1005	7.37 895	4.94 824	1.013	919	703	2.24 629	999	1119	6.84 1106	7.68 827	9.87 946	9.81 967	7.29 872	109.24				
LAKESHORE	EVAP WIND	61.73 19263	10.36 1651	10.69 1684	7.66 1640	2.70 1772	1.20 1765	1.20 1607	1.20 1350	2.81 1535	2.71 1400	7.39 1783	7.16 1538	9.77 1712	10.42 1886	8.59 1742	61.71 19628				
SHASTA DAM	EVAP WIND																				
TURNTABLE CREEK	EVAP WIND	9.00 13097	10.08 1021	9.93 983	7.39 1222	7.06 1230	1.31 1102	1.94 1038	3.35 1377	2.92 1265	1.71 1014	6.92 848	9.29 1117	10.17 1182	8.15 991	8.15 991	13161				

TABLE A-5 (Cont.)
EVAPORATION DATA

Station Name	Evaporation in Inches												Wind in Total Miles						Water Temperature in Degrees Fahrenheit						Total Oct. 1 To Sept. 30
	Total July 1 To June 30	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.									
SACRAMENTO RIVER BASIN																									
BLACK BUTTE DAM	74.84	12.62	9.54	2.56	1.11	1.68	3.01	2.92	9.88	13.30	13.10	9.84							76.85						
EVAP WIND	1990.1	1494	1207	954	1970	1808	2010	1776	1608	1536	1286	1465	20182												
AV MAX	73.3	91.7	93.3	86.6	60.8	51.9	53.1	61.6	64.5	89.2	95.4	95.4	20182												
AV MIN	50.6	61.6	65.4	59.6	46.6	41.5	39.7	41.7	42.0	55.2	67.4	67.4	74.0												
EAST PARK RESERVOIR	78.28	13.54	13.04	9.48	6.31	3.04	1.25	2.11	2.91	4.16	3.25	9.42	9.77	14.40	14.21	10.73						81.56			
EVAP	75.78	13.27	13.41	9.74	7.40	2.10	1.02	2.04	2.94	3.53	2.69	7.79	9.85	13.50	13.04	10.36						76.26			
EVAP WIND	66.25	11.84	11.63	8.48	5.44	1.60	0.82	1.15	2.19	3.06	2.52	8.64	8.88	10.43	10.43	9.29						65.41			
EVAP WIND	10644.4	12.02	11.77	7.14	4.59	1.63	0.77	0.97	1.99	2.60	1.81	7.54	7.76	11.00	11.25	8.03						59.94			
EVAP WIND	10644.4	1203	1177	917	1097	833	801	723	715	728	873	678	781	927	903	903						9778			
FEATHER RIVER A5																									
BOULDER CREEK G S	8.54	8.54	5.62	3.82	-	-	-	-	-	-	-	-	-	-	-	-	4.50	8.19	8.04	4.95					
ENTERPRISE OWT	9.96	10.34	6.96	4.81	2.50	0.88	0.57	1.63	1.22	-	-	-	-	-	-	-	5.26	9.96	10.56	8.08					
FOREMAN CREEK	48.34	9.47	9.58	7.31	5.30	2.13	1.10	0.87	1.69	1.93	1.06	3.56	4.34	6.19	8.03	6.54						42.74			
OROVILLE DAM	64.36	11.70	11.52	8.91	5.68	2.09	0.72	0.96	2.25	2.80	2.13	7.75	7.85	12.49	12.34	8.71						65.77			
EVAP	13254	921	945	953	800	1281	978	1469	909	2001	1116	901	680	784	893	873						12985			
EVAP	70.8	89.8	90.5	85.0	73.4	59.0	50.0	51.7	57.5	61.6	58.5	86.3	86.3	95.7	95.7	88.7						72.0			
EVAP	54.8	64.5	68.0	57.2	51.8	45.4	43.3	45.8	46.9	47.3	46.9	60.3	64.6	64.6	69.1	69.1						55.3			
PARISH CAMP	56.31	11.31	12.14	8.15	5.89	1.98	1.11	1.02	1.55	1.96	0.98	4.27	5.95	10.88	11.67	8.16						55.42			
VINTON	10.97	9.91	7.39	5.43	-	-	-	-	-	-	-	-	-	5.02	8.41	6.95						5.22			
YUBA-BEAR RIVERS A6																	-	-							
LAKE SPAULDING DAM																	13.39	13.45	9.67						
AMERICAN RIVER A7																									
BLODGETT EXP FOREST																	4.45	6.96	6.21	4.55					
FOLSOM DAM	60.50	10.80	11.18	7.65	5.29	1.65	0.82	0.94	1.44	2.63	2.56	7.83	7.71	11.90	10.95	7.85						61.57			
EVAP	17062	1800	1625	1530	1440	1382	1416	1749	991	1775	1682	915	757	1198	95	192						12592			
EVAP	52.07	8.38	9.61	6.74	4.66	2.08	1.07	1.55	2.22	2.31	1.20	6.11	6.14	8.72	9.04	6.48						51.58			
PLACERVILLE I F G																	819	489	681			10525			
EVAP	11257	770	813	838	817	864	929	1269	962	1133	926	1117	917	917	917	917									

TABLE A-5 (Cont.)
EVAPORATION DATA

Station Name	Total July To June 30	1966										1967										Total Oct. 1 To Sept. 30			
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.									
Wind in Total Miles																									
SACRAMENTO RIVER BASIN																									
CACHE CREEK A8																									
FINLEY 1 SSE	8.55	8.78	6.06	4.17	1.34	0.65	1.02	1.94	2.31	2.32	6.53	9.10	8.03	5.93	4.38	3.47	2.43	1.37	0.93	49.69	69.42				
EVAP WIND	536	445	485	443	669	582	49.5	466	977	904	604	490	385	347	347	347	347	347	347	45.7	70.6	70.6			
AV MAX	69.8	91.7	83.0	72.5	57.5	50.2	41.5	37.9	59.6	57.3	82.3	86.0	94.9	92.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6			
AV MIN	55.5	57.8	51.7	44.2	41.5	35.8	35.8	35.8	36.6	37.1	48.8	55.6	59.5	58.8	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6			
LAKEPORT	40.58	7.67	7.96	5.66	2.84	0.69	0.17	0.17	0.17	1.03	1.35	6.05	5.86	8.68	8.42	6.04	6.04	6.04	6.04	6.04	42.43	42.43			
EVAP WIND	2911	298	245	260	155	167	153	200	163	345	414	300	211	156	194	178	178	178	178	178	178	178	178		
PUTAH CREEK A9																									
BERRYESSA LAKE																									
EVAP WIND	71.84	12.80	12.93	8.85	6.12	2.59	1.90	1.64	2.72	2.69	8.16	8.76	12.78	17.73	17.73	17.73	17.73	17.73	17.73	17.73	17.73	17.73	17.73		
AV MAX	71.6	21.90	20.53	18.40	16.95	17.24	18.93	20.31	19.27	20.59	17.38	13.79	85.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7		
AV MIN	48.6	89.7	90.4	74.2	61.7	51.8	44.9	49.4	52.5	59.8	64.2	60.1	58.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2		
MONTICELLO DAM																									
EVAP WIND	58.90	10.75	10.93	7.85	5.27	1.58	0.74	1.15	2.01	2.42	7.14	6.92	5.54	5.54	5.54	5.54	5.54	5.54	5.54	5.54	5.54	5.54	5.54		
AV MAX	82.42	81.3	77.8	78.1	66.9	63.6	65.1	75.1	52.8	79.3	65.5	63.3	88.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1		
AV MIN	74.1	93.0	94.3	88.6	77.3	62.2	46.1	53.6	65.0	64.6	62.2	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6		
49.7	59.7	62.0	59.7	51.3	58.2	51.3	41.6	39.2	41.0	41.9	42.1	42.1	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7		
SAN JOAQUIN RIVER BASIN																									
SAN JOAQUIN VALLEY FLOOR BO																									
CAMANCHE DAM																									
EVAP	55.05	9.77	10.08	6.69	4.74	1.78	0.75	0.86	1.14	2.73	6.52	7.31	10.39	10.39	10.39	10.39	10.39	10.39	10.39	10.39	10.39	10.39	10.39		
CAMANCHE NORTH STN																									
EVAP	60.22	10.09	10.36	7.38	5.61	2.44	0.89	1.12	1.50	3.08	3.23	6.90	7.62	11.24	10.45	10.45	10.45	10.45	10.45	10.45	10.45	10.45	10.45	10.45	
CAMANCHE SOUTH STN																									
EVAP	58.23	10.17	10.45	7.60	5.23	2.04	0.87	0.96	1.22	2.90	2.91	6.56	7.32	10.59	10.42	10.42	10.42	10.42	10.42	10.42	10.42	10.42	10.42	10.42	
LIDI																									
EVAP WIND	65.33	10.59	10.59	7.64	5.09	2.17	0.96	1.64	1.53	3.79	3.67	8.84	8.82	11.85	10.65	10.65	10.65	10.65	10.65	10.65	10.65	10.65	10.65		
AV MAX	181.04	168.2	167.0	151.1	124.6	113.8	14.09	157.5	92.5	174.6	161.0	177.5	181.7	14.56	13.83	13.83	13.83	13.83	13.83	13.83	13.83	13.83	13.83	13.83	
AV MIN	70.4	89.0	89.7	84.0	73.8	59.2	48.1	50.3	55.9	63.7	63.7	82.7	85.3	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1		
MOKELOMNE-CALAVERAS RIVERS B2																									
CAMP PARDEE	55.93	10.64	10.43	6.91	4.80	1.82	0.57	0.68	0.98	2.46	2.28	6.92	7.44	11.35	10.47	10.47	10.47	10.47	10.47	10.47	10.47	10.47	10.47		
EVAP WIND	7389	895	767	735	617	552	508	590	390	741	547	503	547	547	547	547	547	547	547	547	547	547	547		
HOGAN DAM																									
EVAP	69.09	12.19	12.65	8.56	6.46	2.55	1.02	1.42	1.77	3.79	5.82	8.97	13.56	12.88	9.03	9.03	9.03	9.03	9.03	9.03	9.03	9.03	9.03		
AV MAX	17669	1281	1397	1269	1496	1459	1236	1652	1189	1781	1602	1522	1331	1398	1398	1398	1398	1398	1398	1398	1398	1398	1398		
AV MIN	72.8	90.8	93.5	85.5	76.2	63.3	52.3	58.4	64.7	63.7	85.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3			
50.3	60.3	62.5	60.3	56.9	51.6	46.9	43.0	40.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9			

TABLE A-5 (Cont.)
EVAPORATION DATA

Station Name	Total July 1 To June 30	Evaporation in Inches						Wind in Total Miles						Water Temperature in Degrees Fahrenheit						Total Oct. 1 To Sept. 30
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.				
SAN JOAQUIN RIVER BASIN																				
MOKELUMNE-CALAVERAS RIVERS B2																				
JACKSON 1 NW	62.77	11.30	12.13	8.31	6.10	2.35	0.53	0.81	2.49	2.24	6.76	7.94	12.62	11.88	7.92	63.45				
	10638	1032	1031	920	953	751	1021	653	1177	942	685	650	833	765	715	9968				
AV MAX	67.6	84.8	78.2	53.8	57.3	46.8	48.9	57.1	60.3	40.5	60.0	80.0	83.4	87.5	81.2	68.4				
AV MIN	46.6	58.8	48.2	53.8	43.8	35.5	36.9	37.1	39.3	51.0	55.8	61.4	61.4	62.8	62.8	57.9	47.5			
SALT SPRINGS PH	57.68	9.34	10.54	7.27	5.86	1.97	1.77	1.83	3.27	2.22	0.72	7.03	5.86	9.09	10.75	6.90	57.27			
SAN JOAQUIN VALLEY WESTSIDE B8																				
ANTIOCH PUMP PLT 3	63.93	11.06	10.29	8.16	5.40	1.79	1.19	1.21	1.70	3.27	3.24	8.33	8.29	11.19	10.13	7.91	63.65			
SACRAMENTO SAN JOAQUIN DELTA B9																				
BRANNAN ISLAND		-	11.49	10.93	6.25	-	-	1.02	2.35	3.33	4.32	7.88	7.98	-	9.05	11.45	10.21			
										RB	1617	1617	3303	3303	4975	5205	4468			
EVAP WIND	59.81	9.79	9.69	7.54	5.28	1.84	0.68	1.28	1.59	2.89	3.07	8.46	7.70	9.70	8.04	6.23	56.76			
CLARKSBURG																				
THORNTON 3 SSE																				
THACY PUMPING PLANT																				
EVAP WIND	15.49	16.45	11.50	7.37	2.97	1.38	1.61	4.78	4.81	11.23	11.48	18.23	16.06	11.59	11.483					
6426	5013	4726	3341	1964	1827	1901	1337	-	3266	5192	5706	5266	5266	5266	4183					
NORTH LAHONTAN AREA																				
SURPRISE VALLEY G1																				
CEDARVILLE 12 SE																				
SUSAN RIVER G4																				
FLEMING FISH & GAME																				
TRUCKEE RIVER G7																				
BOCA																				
EVAP WIND	11.11	10.43	4.17	5.33	-	-	-	-	-	3.36	7.49	5.98	5.69	9.17	8.83	9.72	8.92	6.13		
EVAP WIND	15.09	11.38	1201	-	-	-	-	-	-	-	-	-	-	-	6.40	6.78	6.65	869		
EVAP WIND	10.20	9.22	6.81	4.19	-	-	-	-	-	-	-	-	-	-	9.00	7.61	4.62			
MEYERS RANGER STN																				
TAHOE CITY																				
EVAP WIND	8.06	7.50	3.97	1381	1381	-	-	-	-	-	-	-	-	-	-	6.96	5.96	3.39		
9.88	1166	-	-	-	-	-	-	-	-	-	-	-	-	-	-	840	646	853		

TABLE A-5 (Cont.)
EVAPORATION DATA

Station Name	Total July To June 30	Evaporation in Inches						Wind in Total Miles						Water Temperature in Degrees Fahrenheit						Total Oct. 1 To Sept. 30
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.				
NORTH LAHONTAN AREA																				
WALKER RIVER G9																				
TOPAZ LAKE, NEVADA																				
	EVAP	13.82	12.46	8.76	6.38	3.37	-	-	-	-	-	9.31	9.48	11.99	9.85	7.33				
	WIND	1934	1223	84.6	1244	1216	-	-	-	-	-	1272	394	355	272	482				
	AV MAX	85.1	84.6	76.1	65.7	54.9	-	-	-	-	-	74.8	81.3	87.5	87.1	79.1				
	AV MIN	54.4	55.8	48.2	39.5	37.6	-	-	-	-	-	44.9	50.8	57.7	58.1	52.5				

Appendix B

SURFACE WATER MEASUREMENTS

INTRODUCTION

This appendix presents surface water data for the 1967 water year, which is from October 1, 1966, to September 30, 1967. The data presented consist of daily mean discharges, daily mean gage heights, daily maximum and minimum tides, gaging station locations, diversion quantities, imported water to the report area, exported water from the report area, summary tables of monthly and annual unimpaired runoff from major streams, summary of water supply and utilization for the Sacramento-San Joaquin Delta, streamflow and measurements at miscellaneous locations, corrections and revisions to previously published reports, and contents and inflow for major reservoirs.

Each station in this appendix has been assigned an identification number. The first two digits denote the drainage basin as shown below. The remaining digits further identify the station.

<u>Sacramento River Basin</u>	<u>San Joaquin River Basin</u>	<u>North Lahontan Area</u>
A0 Sacramento Valley Floor	B0 San Joaquin Valley Floor	G1 Surprise Valley
A1 Pit River	B1 Cosumnes River	G2 Madeline Plains
A2 Shasta Lake	B2 Mokelumne-Calaveras Rivers	G3 Eagle Lake
A3 Sacramento Valley West Side	B8 San Joaquin Valley West Side	G4 Susan River
A4 Sacramento Valley Northeast	B9 Sacramento-San Joaquin Delta	G5 Smoke River
A6 Yuba-Bear Rivers		G6 Herlong
A7 American River		G7 Truckee River
A8 Cache Creek		G8 Carson River
A9 Putah Creek		G9 Walker River

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Calaveras River	223
Cosumnes River	224
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Mokelumne River	223
Old River	219
Putah Creek	226
Sacramento River below Sacramento	225
San Joaquin River - Stockton to Vernalis	221
Tom Paine Slough	219
Yolo Bypass - West Cut	225
Feather River	214
Knights Landing Ridge Cut	208
Lower Butte Creek and Butte Slough	209
Mokelumne River	229
Putah Creek	217
Sacramento River	
Butte City to Red Bluff	205
Colusa to Butte City	204
Knights Landing to Wilkins Slough	202
Red Bluff to Redding	206
Sacramento to Verona	199
Verona to Knights Landing	200
Wilkins Slough to Colusa	203
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Frenchman Lake near Chilcoot	316
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STREAMFLOW, STAGE, STATION DESCRIPTION, AND STATION CODE NUMBERS

Streamflow and Station Description Page	Daily Stage, Major Crests, and Station Description Page	Station Code Number
American River at Fair Oaks at Sacramento	272 274	A07175 A07140
Ash Creek at Adin	90	A18350
Bear Creek near Lockeford near Lodi	176 177	BO2045 BO2010
near Millville	95	A40750
near Rumsey	157	A81250
Bear River near Wheatland	268	A06550
Bidwell Creek near Fort Bidwell	189	G12200
Big Chico Creek at Chico	135	A04250
Big Grizzly Creek near Portola	139	A55380
Brisco Creek near Elk Creek	108	A31302
Burney Creek near Burney	93	A15150
Butte Creek near Durham	114	A04265
Butte Slough near Meridian at Outfall Gates	128 117 158	A02971 AO2967 A81200
Cache Creek above Rumsey at Yolo	255 245 277	A08125 B02520
Calaveras River near Stockton	172	G15150
Cedar Creek at Cedarville	190	A02984
Cherokee Canal near Richvale	116	A00180
Colusa Basin Drain near College City at Highway 20	124	A02976
at Knights Landing	125	A02945
Colusa Weir Spill to Butte Basin	112	A02981
Contra Costa Canal near Oakley	187	B95910
Copsey Creek near Lower Lake	156	A81360
Cosumnes River at McConnell	183	B01125
at Michigan Bar	284 283	B11150 B01580
Deer Creek near Sloughhouse	182	B95925
Delta Mendota Canal near Tracy	186	B01520
Dry Creek near Galt near Ione	181 180	B21150
at Roseville	152	A00047
Dry Fork South Fork Cottonwood Creek near Cottonwood	97	A03565
Duck Creek near Stockton Diversion near Farmington	171 167	B02835 B02920
Eagle Creek at Eagleville	191	G17150
Eagle Lake near Susanville	22	G32100
Fall River near Dana	148	A17220
Feather River near Gridley at Nicolaus	265 263	A05165
at Oroville	269	A05103
below Shanghai Bend	147	A05791
at Yuba City	150	A05120
Fremont Weir Spill to Yolo Bypass	141	A05135
French Camp Slough near French Camp	127	A02930
Gold Run Creek near Susanville	169	B02805
Grindstone Creek near Elk Creek	194	G41450
Horse Creek at Little Valley	107	A31300
Indian Creek near Boulder Creek Guard Station near Taylorsville	91 141 144	A11349 A54470 A54370
Italian Slough near Byron	34	B95280
Kellogg Creek near Byron	185	B95295
Kelly Ridge Turnout to Palermo Canal near Oroville Dam	146	A56913
Lassen Creek near Willow Ranch	86	A13060
Last Chance Creek at Dixie Refuge Damsite	143	A54750

ALPHABETICAL INDEX TO TABLES (contd.)

STREAMFLOW, STAGE, STATION DESCRIPTION, AND STATION CODE NUMBERS

Streamflow and Station Description Page	Daily Stage, Major Crests, and Station Description Page	Station Code Number
Lindo Channel near Chico	100	A00600
Little Chico Creek near Chico	115	A04280
Diversion near Chico	113	A04910
Little Last Chance Creek near Chilcoot	136	A55520
below Frenchman Dam	135	A55525
Littlejohn Creek at Farmington	168	B02870
Long Valley Creek near Doyle	195	G61200
Marsh Creek near Byron	188	B89100
Middle Creek near Upper Lake	154	A81810
Middle Fork Feather River near Portola	140	A55420
Middle River at Borden Highway		B95500
Miller Creek near Sattley	138	A55720
Mokelumne River at Woodbridge	178	B02105
near Thornton		B94200
Mormon Slough at Bellota	173	B02560
Morrison Creek near Sacramento	184	A00020
Mosher Slough near Stockton	175	B02005
Moulton Weir Spill to Butte Basin	110	A02986
Mud Creek near Chico	103	A04242
Diversion at Chico	104	A00928
North Fork Cottonwood Creek near Igo	96	A03545
North Fork Davis Creek near Davis Creek	87	A13055
North Honcut Creek near Bangor	149	A05735
Old River near Byron		B95270
at Clifton Court Ferry		B95340
near Rock Slough		B95180
near Tracy Road Bridge		B95380
Palermo Canal at Oroville Dam	145	A56910
Pine Creek near Alturas	88	A14100
near Susanville	192	G31150
Pleasants Creek near Winters	160	A91160
Pope Creek near Pope Valley	159	A95010
Putah Creek above Davis	162	A09145
below Winters	161	A09160
near Winters		A91250
Reclamation District 70 Drainage to Sacramento River	119	A02965
108 Drainage to Sacramento River	122	A02933
787 Drainage to Colusa Basin Drain	126	A02950
787 Drainage to Sacramento River	123	A02955
1500 Drainage to Sacramento Slough	133	A02926
1660 Drainage to Sutter Bypass	131	A05922
1660 Drainage to Tisdale Bypass	132	A02963
Red Bank Creek near Red Bluff	100	A03460
Red Clover Creek above Abbey Bridge Damsite	142	A54455
Sacramento River at Butte City		A02500
at Collinsville	239	B91110
at Colusa	296	A02420
at Colusa Weir	243	A02430
at Elkhorn Ferry	242	A02430
near Freeport	271	A02112
at Fremont Weir East End	289	B91850
at Fremont Weir West End	261	A02160
at Hamilton City	260	A02170
at Keswick	102	A02630
at Knights Landing	237	A21010
at Meridian	234	A02200
at Moulton Weir	118	A02380
opposite Moulton Weir	254	A02445
	246	A02450
	240	A02450
	241	A02450

ALPHABETICAL INDEX TO TABLES (contd.)

STREAMFLOW, STAGE, STATION DESCRIPTION, AND STATION CODE NUMBERS

Streamflow and Station Description Page	Daily Stage, Major Crests, and Station Description Page	Station Code Number
109	238	A02570
121	247	A02320
	235	A02250
	294	A02780
	250	B91210
153	272, 288	A02240
	287	A02100
	290	A02105
	248	B91750
	270	A02301
101	236	A02150
	291	A02700
	249	B91650
134		A02280
151		A02925
94	311	A02903
	297	A48375
	299	B95020
	309	B95820
	300	B95620
165	281	B95100
155	275	B95580
		B07020
137		A81850
99		A81820
98	308	A55620
163		A47300
166		A03595
170		E94150
174		A09115
		B00915
		B00907
		B02580
	298	B95660
	312	E03300
	256	A05935
	259	A02927
179		B21160
	295	B91160
	310	B95060
	258	A02308
120		A02960
89		A11710
129	257	A05929
193		G42270
85		A13065
	293	B91500
	292	B91560
	279	A02910
164	278	A02935
	265	A61430
	266	A06150

HYDROGRAPHIC AREA CODE NUMBER INDEX TO TABLES OF SURFACE WATER MEASUREMENT STATIONS

Station Code Number	Streamflow and Station Description	Daily Stage, Major Crests, Reservoir Content, and Station Description Page
	Page	
<u>HYDROGRAPHIC AREA A</u>		
<u>Sacramento Valley Floor</u>		
A00020	Morrison Creek near Sacramento	184
0047	Dry Creek at Roseville	152
0180	Colusa Basin Drain near College City	252
0600	Lindo Channel near Chico	106
0928	Mud Creek Diversion at Chico	104
2100	Sacramento River at Sacramento	153
2105	at Sacramento Weir	272
2112	at Elkhorn Ferry	271
2150	at Verona	270
2160	at Fremont Weir, East End	261
2170	at Fremont Weir, West End	260
2200	at Knights Landing	254
2240	near Rough and Ready Bend	250
2250	above Reclamation District 108 Pumping Plant	121
2280	below Wilkins Slough	249
2301	at Tisdale Weir	248
2308	Tisdale Bypass at 1660 Pumping Plant	258
2320	Sacramento River at Reclamation District 70 Pumping Plant	247
2380	at Meridian	246
2420	at Colusa	243
2430	at Colusa Weir	242
2445	at Moulton Weir	240
2450	opposite Moulton Weir	111
2500	at Butte City	241
2570	at Ord Ferry	109
2630	at Hamilton City	238
2700	at Vina Bridge	102
2780	near Red Bluff	237
2903	Sacramento Weir Spill to Yolo Bypass	101
2910	Yolo Bypass above Sacramento Bypass	236
2925	Sacramento Slough at Sacramento River	235
2926	Reclamation District 1500 Drainage to Sacramento Slough	151
2927	Sutter Bypass at Reclamation District 1500 Pumping Plant	279
2930	Fremont Weir Spill to Yolo Bypass	134
2933	Reclamation District 108 Drainage to Sacramento River	133
2935	Yolo Bypass near Woodland	259
2945	Colusa Basin Drain at Knights Landing	127
2950	Reclamation District 787 Drainage to Colusa Basin Drain	122
2955	to Sacramento River	164
2960	Tisdale Weir Spill to Sutter Bypass	125
2963	Reclamation District 1660 Drainage to Tisdale Bypass	126
2965	70 Drainage to Sacramento River	123
2967	Butte Slough at Outfall Gates	120
2972	near Meridian	117
2976	Colusa Basin Drain at Highway 20	245
2981	Colusa Weir Spill to Butte Basin	128
2984	Cherokee Canal near Richvale	255
2986	Moulton Weir Spill to Butte Basin	124
3460	Red Bank Creek near Red Bluff	251
3545	North Fork Cottonwood Creek near Igo	112
3565	Dry Fork, South Fork Cottonwood Creek near Cottonwood	116
3595	South Fork Cottonwood Creek near Cottonwood	244
4242	Mud Creek near Chico	110
4250	Big Chico Creek at Chico	104
4265	Butte Creek near Durham	105
4280	Little Chico Creek near Chico	114
4910	Little Chico Creek Diversion near Chico	115
5103	Feather River at Niclaus	113
5120	below Shanghai Bend	269
5135	at Yuba City	150
5165	near Gridley	267
5735	North Honcut Creek near Bangor	264
5791	Feather River at Oroville	148
5922	Reclamation District 1660 Drainage to Sutter Bypass	263
5929	Wadsworth Canal near Sutter	149
5935	Sutter Bypass at Longbridge	147
6150	Yuba River near Marysville	131
6550	Bear River near Wheatland	129
7140	American River at Sacramento	257
7175	at Fair Oaks	256
8125	Cache Creek at Yolo	105
9115	South Fork Putah Creek near Davis	266
9145	Putah Creek above Davis	268
9160	below Winters	274
		273
		277
<u>Pit River</u>		
A11349	Horse Creek at Little Valley	91
1710	Turner Creek near Canby	84
3055	North Fork Davis Creek near Davis Creek	87
3060	Lassen Creek near Willow Ranch	86
3065	Willow Creek near Willow Ranch	85
4100	Pine Creek near Alturas	88
5150	Burney Creek near Burney	93
7220	Fall River near Dana	92
8350	Ash Creek at Adin	90

HYDROGRAPHIC AREA CODE NUMBER INDEX TO TABLES OF SURFACE WATER MEASUREMENT STATIONS (contd.)

Station Code Number	Streamflow and Station Description	Daily Stage, Major Crests, Reservoir Content, and Station Description Page
<u>Shasta Lake</u>		
A21010 Sacramento River at Keswick		234
1050 Shasta Lake		314
1051 Inflow to Shasta Lake		322
<u>Sacramento Valley West Side</u>		
A31300 Grindstone Creek near Elk Creek	1 .	
31302 Brisco Creek near Elk Creek	107	
6170 Whiskeytown Lake		215
6171 Inflow to Whiskeytown Lake		323
<u>Sacramento Valley Northeast</u>		
A40750 Bear Creek near Millville	29	
7300 South Fork Battle Creek near Mineral		
8375 Salt Creek near Bella Vista		
<u>Feather River</u>		
A54370 Indian Creek near Taylorsville	1-4	
4455 Red Clover Creek above Abbey Bridge Damsite	142	
4470 Indian Creek near Boulder Creek Guard Station	141	
4473 Antelope Lake near Boulder Creek Guard Station		318
4750 Last Chance Creek at Dixie Refuge Damsite	143	
5380 Big Grizzly Creek near Portola	139	
5383 Lake Davis near Portola		317
5420 Middle Fork Feather River near Portola	140	
5520 Little Last Chance Creek near Chilcot	136	
5525 below Frenchman Dam	135	
5527 Frenchman Lake near Chilcot		316
5620 Smithneck Creek near Loyalton	137	
5720 Miller Creek near Sattley	138	
6910 Palermo Canal at Oroville Dam	14E	
6913 Kelly Ridge Turnout to Palermo Canal near Oroville Dam	15	
<u>Yuba-Bear River</u>		
A61430 Yuba River at Englebright Dam	-6	
<u>American River</u>		
A71120 Folsom Lake near Folsom		312
1121 Inflow to Folsom Lake near Folsom		324
<u>Cache Creek</u>		
A81200 Cache Creek above Rumsey	1 .	
1250 Bear Creek near Rumsey	157	
1360 Copsey Creek near Lower Lake	156	
1810 Middle Creek near Upper Lake	154	
1820 Scotts Creek at Upper Lake		275
1850 near Lakeport	15	
1940 Clover Creek Bypass near Upper Lake		276
<u>Putah Creek</u>		
A91160 Pleasants Creek near Winters	15	
1200 Lake Berryessa near Winters		280
1250 Putah Creek near Winters		280
5010 Pope Creek near Pope Valley	17	
<u>HYDROGRAPHIC AREA B</u>		
<u>San Joaquin Valley Floor</u>		
E00907 South San Joaquin Irrigation District Main Drain near Lathrop	170	
0915 Drain 11 near Manteca	160	
1125 Cosumnes River at McConnell	183	
1520 Dry Creek near Galt	181	
1580 Deer Creek near Sloughhouse	18	
2005 Mosher Slough near Stockton	175	
2010 Bear Creek near Lodi	177	
2045 near Lockeford	176	
2105 Mokelumne River at Woodbridge	178	
2520 Calaveras River near Stockton	172	
2560 Mormon Slough at Bellota	17	

HYDROGRAPHIC AREA CODE NUMBER INDEX TO TABLES OF SURFACE WATER MEASUREMENT STATIONS (contd.)

Station Code Number	Streamflow and Station Description	Daily Stage, Major Crests, Reservoir Content, and Station Description Page
<u>San Joaquin Valley Floor (contd.)</u>		
B02580 Stockton Diverting Canal at Stockton	174	
2805 French Camp Slough near French Camp	169	
2835 Duck Creek near Stockton	171	
2870 Littlejohn Creek at Farmington	168	
2920 Duck Creek Diversion near Farmington	167	
7020 San Joaquin River near Vernalis	165	281
<u>Cosumnes River</u>		
B11150 Cosumnes River at Michigan Bar		283
<u>Mokelumne-Calaveras Rivers</u>		
B21150 Dry Creek near Lone	180	
1160 Sutter Creek near Sutter Creek	179	
<u>San Joaquin Valley Westside</u>		
B89100 Marsh Creek near Byron		188
<u>Sacramento-San Joaquin Delta</u>		
B91100 Sacramento River at Collinsville		296
1160 Threemile Slough at Sacramento River		295
1210 Sacramento River at Rio Vista		294
1500 Yolo Bypass at Liberty Island		293
1560 near Lisbon		292
1650 Sacramento River at Walnut Grove		291
1750 at Snodgrass Slough		290
1850 near Freeport		289
4150 South Fork Mokelumne River at New Hope Bridge		308
4200 Mokelumne River near Thornton		307
5020 San Joaquin River at Antioch		311
5050 Threemile Slough at San Joaquin River		310
5100 San Joaquin River at San Andreas Landing		309
5180 Old River near Rock Slough		306
5270 near Byron		305
5280 Italian Slough near Byron		304
5295 Kellogg Creek near Byron		303
5340 Old River at Clifton Court Ferry		302
5380 near Tracy Road Bridge		301
5500 Middle River at Borden Highway		300
5580 San Joaquin River at Venice Island		299
5620 at Rindge Pump		298
5660 Stockton Ship Channel at Burns Cutoff		297
5820 San Joaquin River at Mossdale Bridge		
5910 Contra Costa Canal near Oakley		187
5925 Delta Mendota Canal near Tracy		186
<u>HYDROGRAPHIC AREA E</u>		
<u>Napa-Solano</u>		
E03300 Suisun Bay at Benicia Arsenal		312
<u>HYDROGRAPHIC AREA G</u>		
<u>Surprise Valley</u>		
G12200 Bidwell Creek near Fort Bidwell	189	
5150 Cedar Creek at Cedarville	190	
7150 Eagle Creek at Eagleville	191	
<u>Eagle Lake</u>		
G31150 Pine Creek near Susanville	192	
2100 Eagle Lake near Susanville		285
<u>Susan River</u>		
G41450 Gold Run Creek near Susanville	194	
2270 Willow Creek near Litchfield	193	
<u>Herlong</u>		
G61200 Long Valley Creek near Doyle		195

TABLE B-1
ANNUAL UNIMPAIRED RUNOFF

Unimpaired runoff is defined as the flow that occurs naturally at a point in a stream if there are: (1) no upstream controls such as dams or reservoirs; (2) no diversions or unnatural accretions; and (3) no change in ground water storage resulting from development. The computed natural or unimpaired runoff values are considered to be the flows that would occur if no impairments were upstream from the measurement points.

TABLE B-1
ANNUAL UNIMPAIRED RUNOFF
In Percent of Average

	Sacramento and San Joaquin Rivers to Delta (a)	Sacramento River near Red Bluff	Sacramento River at Sacramento (a)	Feather River near Oroville	Yuba River at Smartville	American River at Fair Oaks	Mokelumne River near Mokelumne Hill	San Joaquin River near Vernalis (a)
Average Annual Runoff*	22602	7690	16600	4159	226	2525	690	5312
1926-27	138	143	144	136	159	145	130	122
1927-28	96	99	102	100	109	100	93	82
1928-29	51	57	51	44	45	45	50	54
1929-30	76	79	81	95	82	65	67	61
1930-31	35	43	37	35	29	28	30	31
1931-32	91	66	79	80	95	103	106	125
1932-33	56	60	54	48	48	50	61	63
1933-34	50	59	52	48	44	45	43	43
1934-35	105	97	100	103	101	102	102	121
1935-36	109	92	105	103	116	135	130	122
1936-37	91	78	80	76	83	92	101	123
1937-38	196	191	192	207	181	179	179	212
1938-39	51	57	49	45	41	41	49	55
1939-40	132	136	135	136	128	135	125	124
1940-41	159	186	163	156	141	125	122	150
1941-42	149	146	152	160	153	155	143	139
1942-43	150	111	127	135	141	153	145	137
1943-44	65	61	63	69	63	58	65	74
1944-45	99	86	90	90	95	100	112	124
1945-46	106	105	105	101	108	114	108	108
1946-47	63	66	63	61	61	56	57	64
1947-48	91	99	95	93	90	89	92	79
1948-49	72	78	72	62	67	74	75	72
1949-50	88	74	87	92	100	106	109	88
1950-51	139	118	138	137	159	183	168	137
1951-52	174	150	172	191	185	197	191	175
1952-53	111	126	121	125	115	105	99	82
1953-54	99	121	105	102	86	79	77	81
1954-55	66	74	66	59	58	62	63	66
1955-56	181	173	180	192	178	184	181	182
1956-57	88	93	90	87	88	85	87	81
1957-58	173	197	179	168	159	162	154	157
1958-59	68	88	73	69	56	49	54	56
1959-60	73	84	79	77	76	67	60	56
1960-61	63	93	72	63	51	41	40	40
1961-62	95	97	91	88	86	82	92	106
1962-63	133	129	139	151	147	141	127	118
1963-64	64	68	66	62	67	65	62	59
1964-65	155	135	155	167	174	178	173	153
1965-66	77	95	78	69	64	55	66	76
1966-67**	155	136	144	150	149	156	170	187

* Average unimpaired runoff in thousands of acre-feet computed from the 50-year period October 1915 through September 1965.

** Preliminary data subject to revision.

a Figures were computed from summations of unimpaired runoff at foothill stations on major tributaries only and do not include runoff from minor tributaries and from valley floor.

TABLE I-1
MONTHLY UNIMPAIRED RUNOFF
In Percent of Average

Month		Sacramento and San Joaquin Rivers to Delta (a)	Jacramento River near Red Bluff	Jacramento River at Sacramento (a)	Feather River near Oroville	Yuba River at Smartville	American River at Fair Oaks	Mokelumne River near Mokelumne Hill	San Joaquin River near Vernalis (a)
October 1966	Percent*	69	87	71	52	35	31	16	47
	Average**	514	340	461	108	36	27	4	49
November 1966	Percent*	158	169	165	167	176	124	111	119
	Average**	845	409	722	164	77	72	16	107
December 1966	Percent*	168	160	150	134	140	146	195	185
	Average**	1805	796	1536	360	19-	188	37	33
January 1967	Percent*	164	144	167	200	200	181	154	140
	Average**	2060	971	1772	378	201	221	37	251
February 1967	Percent*	92	87	92	104	93	89	105	43
	Average**	2615	1247	2571	528	288	308	54	390
March 1967	Percent*	146	123	128	152	147	153	169	182
	Average**	2860	1081	2304	572	299	352	73	503
April 1967	Percent*	109	154	110	82	76	91	86	108
	Average**	3608	1001	2611	742	396	472	129	867
May 1967	Percent*	170	190	181	195	157	170	154	156
	Average**	5640	669	2260	648	425	519	194	1386
June 1967	Percent*	235	166	237	278	275	273	247	330
	Average**	2426	430	1241	520	216	275	121	1064
July 1967	Percent*	291	124	187	184	322	381	612	444
	Average**	232	300	568	151	54	64	20	344
August 1967	Percent*	165	110	121	130	150	194	386	366
	Average**	478	251	392	102	23	16	4	83
September 1967	Percent*	124	101	104	116	73	113	200	329
	Average**	399	245	362	85	20	11	2	36
1966-67 Water Year	Percent*	155	136	144	150	149	156	170	187
	Average**	22602	7690	16600	4159	2226	2525	690	5312

* Preliminary data subject to revision.

** Average unimpaired runoff in thousands of acre-feet computed from the 50-year period October 1915 through September 1965.

a Figures were computed from summations of unimpaired runoff at foothill stations on major tributaries only and do not include runoff from minor tributaries and from the valley floor.

TABLE B-3

SUMMARY OF WATER SUPPLY AND UTILIZATION
SACRAMENTO-SAN JOAQUIN DELTA

This table presents in thousands of acre-feet the correlation of water supply and use for the Delta Service Area.

The water supply available to the area is determined from 18 gaging stations, listed under "Water Supply" in the table, and from 6 precipitation stations. "Water Utilization" in the same table, includes agricultural use, evaporation, exports through the Delta-Mendota and Contra Costa Canals, and diversion for the City of Vallejo. Agricultural use in the uplands is determined by direct measurements of diversion; however, in the lowlands, because it cannot be measured directly, agricultural use is computed by unit values of consumptive use of the various crops, multiplied by the acreages. Unit values of consumptive use were derived from experimental work by the University of California and California Extension Service as reported in Bulletin No. 27, "Variations and Control of Salinity in Sacramento-San Joaquin Delta and Upper San Francisco Bays". Crop acreage values used in this table were determined from a survey made in 1960 and 1961.

Item	Record on Page No.	1966												1967												Water Year Total	
		OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.		
WATER SUPPLY																											
<u>Measured Inflow</u>																											
Sacramento River at Sacramento	153	561	1107	2855	2220	2873	2570	2996	3193	2560	1198	926	1105													24160	
Sacramento Weir Spill to Yolo Bypass	151	0	0	5	16	13	5	0	0	0	0	0	0													39	
Yolo Bypass near Woodland	164	0	13	413	893	1239	227	194	53	84	0	0	0													3119	
South Fork Putah Creek near Davis	163	0	0	8	58	114	79	113	33	4	2	1	0													413	
Morrison Creek near Sacramento	184	0	2	3	9	1	2	2	0	0	0	0	0													21	
Cosumnes River at McConnell	183	0	4	44	105	55	107	137	131	50	11	0	0													644	
Dry Creek near Galt	181	0	0	9	40	19	27	54	10	2	0	0	0													163	
Mokelumne River at Woodbridge	178	4	6	3	4	2	2	60	160	81	40	39	53													454	
Bear Creek near Lodi	177	0	1	5	14	3	0	7	0	0	0	0	0													32	
Calaveras River near Stockton	172	0	0	1	5	1	1	2	1	1	1	1	1													16	
Mosher Slough near Stockton	175	1	0	1	2	0	0	1	1	1	1	1	1													11	
Stockton Diverting Canal at Stockton	174	0	0	5	63	15	42	87	2	1	0	1	1													218	
Duck Creek near Stockton	171	0	0	1	4	0	0	3	0	0	0	0	0													10	
French Camp Slough near French Camp	169	2	1	11	32	11	8	45	4	4	2	2	5													127	
South San Joaquin Irrigation District Drain 11 near Manteca	166	1	0	0	0	1	1	1	1	1	1	2	2													11	
San Joaquin Irrigation District Main Drain near Lathrop	170	1	0	0	0	0	1	1	1	1	2	2	2													12	
San Joaquin River near Vernalis	165	68	79	269	197	353	402	862	1252	1190	642	124	121													5561	
Marsh Creek at Byron	188	0	0	0	5	1	2	4	1	0	0	0	0													13	
<u>Precipitation</u>		0	238	182	359	31	186	168	1	37	0	0	0													1205	
Total Water Supply		638	1451	3815	4026	4731	3664	4737	4844	4018	1900	1100	1297													36229	
WATER UTILIZATION																											
<u>Consumptive Use in Delta Lowlands</u>		97	58	32	36	53	79	118	137	182	214	203	146														1355
<u>Exportations</u>																											
Delta-Mendota Canal	232	109	55	26	45	38	119	68	112	122	158	256	149														1258
Contra Costa Canal	232	8	6	5	5	4	4	4	6	6	8	8	8													72	
City of Vallejo	232	1	1	0	0	0	1	1	1	1	2	2	1													11	
<u>Delta Uplands Diversions</u>																											
Old River	219	6	0	0	0	0	0	0	13	23	27	29	17														114
Tom Paine Slough	219	1	1	0	0	0	0	0	4	4	5	5	3													23	
French Camp Slough below French Camp	220	0	0	0	0	0	0	0	0	0	1	1	1													3	
San Joaquin R (Stockton to Vernalis)	221	3	0	0	0	0	0	0	10	12	14	1	9													68	
Sacramento River below Sacramento	225	0	0	0	0	0	0	0	0	1	1	1	1													5	
Yolo Bypass (West Cut)	225	6	2	1	0	0	0	0	1	3	9	8	4													34	
Calaveras River below Stockton	223	0	0	0	0	0	0	0	0	0	0	0	0													1	
Mokelumne River below Woodbridge	223	1	0	0	0	0	0	0	1	2	3	3	2													11	
Cosumnes River below McConnell	224	0	0	0	0	0	0	0	0	0	1	1	1													1	
Putah Creek below Davis	226	0	0	0	0	0	0	0	0	10	13	20	19	13												89	
Miscellaneous	227	11	0	0	0	0	0	0	0	0	0	0	0														
Total Water Utilization		247	125	64	86	95	204	192	295	370	464	552	354													3049	

TABLE B-4

GAGING STATION
ADDITIONS AND DISCONTINUATIONS

ADDITIONAL STATIONS

Big Grizzly Creek near Portola (prior to 10-1-66
station was operated by U. S. Geological Survey)
Butte Slough near Meridian

DISCONTINUED STATIONS

Butte Slough at Mawson Bridge 9-30-66
Calaveras River at Bellota 4-26-67

PUBLICATION DISCONTINUED

Clover Creek at Upper Lake 10-1-66
Natomas Cross Canal at Head 10-1-66

TABLE B-5
DAILY MEAN DISCHARGE

The streamflow table for each stream or stream system is arranged in downstream order. Stations on a tributary entering between two main stem stations are listed between those stations, and in downstream order on that tributary. A stream gaging station is named after the stream and the nearest post office (Feather River at Yuba City) or well-known landmark (San Joaquin River at Brandt Bridge).

The discharges estimated for periods of no record or invalid record are shown with the letter "E". Also qualified by the letter "E" are discharges obtained from extended ratings which exceed 140 percent, the highest measured flow-rate on which the rating curve was based.

The discharge figures in this table have been rounded off as follows:

1. Daily flows - second-feet

0.0	- 9.9	nearest	Tenth
10	- 999	"	Unit
1,000	- 9,999	"	Ten
10,000	- 99,999	"	Hundred
100,000	- 999,999	"	Thousand

2. Monthly means - second-feet

0.0	- 99.9	nearest	Tenth
100	- 9,999	"	Unit
10,000	- 99,999	"	Ten
100,000	- 999,999	"	Hundred

3. Yearly totals - acre-feet

0.0	- 9,999	nearest	Unit
10,000	- 99,999	"	Ten
100,000	- 999,999	"	Hundred
1,000,000	- 9,999,999	"	Thousand

The streamflow data received from cooperating agencies do not necessarily adhere to the above criteria. These data are published as received, except that minor rounding off of certain figures is necessary to make the data compatible to the Department's machine programs.

TABLE B-5
DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

		WATER YEAR	STATION NO.	STATION NAME
		1967	A13065	WILLOW CREEK NEAR WILLOW RANCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.1	0.4	4.5	2.2 E	2.0 E	19	15	25	47	4.5	0.4	0.1	1
2	0.1	0.4	5.2	2.2 E	2.0 E	16	18	23	33	3.8	0.4	0.0	2
3	0.2 *	0.4	10	2.2 E	3.5 E	9.8	18	22 *	24	3.8	0.3	0.0	3
4	0.3	0.3	6.0	2.2 E	4.9 E	7.6	14	25	21	3.5	0.3	0.0	4
5	0.2	0.3	13	2.1 E	6.4 E	8.9	19	29	22	3.2	0.3	0.1	5
6	0.2	0.6	8.5	2.1 E	7.8 E	13	27	29	32	2.9	0.2	0.2	6
7	0.2	0.8	4.5 *	2.1 E	9.3 *	15	27 E	37	33 *	2.9	0.2	0.2	7
8	0.2	0.6	3.5	2.1 E	9.4	16 *	33 E	48	25	2.6	0.2	0.3	8
9	0.2	0.4	3.5	2.1 E	8.9	15	24	73	26	2.6	0.1	0.2	9
10	0.3	0.6	3.2	2.1 E	11	14	24	109	24	2.6	0.1	0.2	10
11	0.4	1.2	4.5	2.1 E	12	11	22	94	18	2.3	0.2	0.3 #	11
12	0.3	1.5	23	2.0 E	16	8.5	21	86	17	2.3	0.2	0.3	12
13	0.2	1.0	27	2.0 E	19	9.4	19	68	16	1.7	0.1	0.3	13
14	0.3	0.8	12	2.0 E	11	8.9	28	62	16	1.5	0.1	0.3	14
15	0.3	1.0	5.6	2.0 E	7.6	9.8	39	62	14	1.2	0.1	0.3	15
16	0.3	3.5	4.9	2.0 E	7.2	202	37	68	13	1.2	0.1 #	0.3	16
17	0.3	1.2	4.2	2.0 E	6.8	41	40	73	11	1.5	0.1	0.2	17
18	0.3	0.8 *	3.8	2.0 E	26	32	48 *	73	11	1.5	0.1	0.3	18
19	0.3	1.2	3.8	2.0 *	15	25	39	74	11	1.2 * *	0.1	0.3	19
20	0.3	4.9	3.5	2.0 E	9.8	18	34	73	9.8	1.2	0.1	0.3	20
21	0.3 *	1.5	3.2	2.0 E	8.9	19	27	70	8.9	1.0	0.1	0.3	21
22	0.6	1.0	2.3	2.0 E	11	19	34	70	8.9	0.8	0.1	0.3	22
23	0.6	1.0	2.3	2.0 E	12	19	27	65	8.9	0.6	0.1	0.3	23
24	0.4	1.0	2.3	2.0 E	12	15	25	61	8.5	0.6	0.1	0.3	24
25	0.3	1.0	2.3 E	2.0 E	12	13	46	51	7.6	0.4	0.1	0.3	25
26	0.3	0.6	2.3 E	2.0 E	11	13	54	42	7.2	0.4	0.1	0.3	26
27	0.3	0.8	2.3 E	2.0 E	15	12	54	40	6.4	0.4	0.1	0.2	27
28	0.3	4.2	2.3 E	2.0 E	19	12	54	40	6.0 *	0.3	0.1	0.2	28
29	0.3	8.9	2.3 E	2.0 E		14	37	48	5.2	0.4	0.1	0.3	29
30	0.4	3.2	2.2 E	2.0 E		16	28	32	4.9	0.4	0.1	0.3	20
31	0.4	2.2 E	2.0 E		18		31	31	4.6	0.6	0.1	0.1	31
MEAN	0.3	1.5	5.8	2.0	10.6	21.6	31.1	54.9	16.5	1.7	0.2	0.2	MEAN
MAX.	0.6	8.9	27	2.2 E	202	54	109	47	4.5	0.4	0.3	0.3	MAX.
MIN.	0.1	0.3	2.2 E	2.0 E	2.0 E	7.6	14	22	4.9	0.3	0.1	0.0	MIN.
AC.FT.	18	89	357 E	126 E	588	1329	1849	3378	984	107	10	14	AC.FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM				MINIMUM				TOTAL ACRE FEET
DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME
12.2	804 E	3.45	3	16	1350	0.0			

TOTAL	
ACRE FEET	8849

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
41 53 23	120 18 57	NE26 47N 14E	1700 E	4.82	12/23/64	JUN 61-DATE	JUN 61-DATE			0.00	LOCAL

Station located approximately 2.4 mi. SE of Willow Ranch. Tributary to Goose Lake. Stage-discharge relationship affected by ice at times. Computation of flow discontinued Oct. 1, 1967.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967		A13060	LASSEN CREEK NEAR WILLOW RANCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.6	1.3	7.9	8.9	15	6.9	13	21	61	12	4.5	1.3	1
2	0.6 *	1.3	8.4	3.3	12	6.2	13	25	52	12	4.2	1.3	2
3	0.6	1.3	10	6.5	11	5.8	14	29 *	45	11	4.2	1.3	3
4	0.6	1.3	7.0	3.6	10	6.9	13	34	39	10	4.0	1.4	4
5	0.6	1.3	9.4	2.1	10	5.8	14	39	37	9.9	4.0	1.6	5
6	0.6	2.1	8.9	3.3	11	5.4	14	43	40	9.4	3.8	1.6	6
7	0.6	2.1	5.5	4.5	11 *	5.4	21	60	40 *	9.0	3.8	1.4	7
8	0.6	1.4	4.2 *	5.0	8.3	5.8	21	93	34	9.4	3.8	1.3	8
9	0.6	2.7	8.9	9.4	7.6	6.9 *	20	154	36	8.3	3.8	1.3	9
10	0.6	3.6	4.2	4.2	7.6	6.9	19	138	32	8.3	3.6	1.3	10
11	0.6	3.9	4.2	2.4	7.3	5.4	18	109	30	8.0	3.6	1.3 *	11
12	0.8	5.0	14	2.4	8.7	7.6	18	93	29	7.6	3.3	1.4	12
13	0.7	4.5	20	1.8	10	7.6	19	89	28	7.3	3.3	1.3	13
14	0.7	3.0	16	4.5	8.3	5.8	20	92	27	6.9	5.4	1.3	14
15	0.8	2.7	7.9	4.5	9.4	6.9	20	110	25	6.6	5.4	1.3	15
16	0.8	8.4	6.0	4.5	7.3	30	18	137	23	7.3	4.9 *	1.3	16
17	0.8	3.9	6.0	7.4	7.3	28	19	159	22	6.9	4.9	1.3	17
18	0.8	3.0 *	4.5	3.9	9.9	22	20	172	20	6.2	4.7	1.4	18
19	0.8	3.3	5.0	4.5 *	8.3	17	18 *	173	18	5.8 *	4.7	1.3	19
20	0.9	14	3.9	1.4	9.9	15	17	165	18	5.6	4.7	1.2	20
21	1.0 *	5.0	3.9	3.0	8.7	17	18	158	17	5.6	4.5	1.1	21
22	1.4	3.0	13	3.3	6.9	18	20	152	18	5.4	4.5	1.1	22
23	1.8	10	8.4	11	6.2	18	18	144	17	5.2	4.5	1.1	23
24	1.2	7.0	6.5	18	6.2	17	18	130	16	4.9	4.2	1.1	24
25	1.1	7.0	2.1	14	5.8	15	20	112	15	4.9	4.5	1.1	25
26	1.1	5.5	9.4	12	5.4	15	24	97	14	4.7	4.5	1.0	26
27	1.1	4.2	6.0	15	5.6	16	25	86	14	4.7	4.9	1.0	27
28	1.1	5.0	4.5	28	6.6	17	22	81	14 *	4.7	4.5	0.9	28
29	1.2	17	4.2	66	16	19	78	14	4.9	4.2	0.9	29	
30	1.2	7.9	3.9	35	15	20	65	13	4.9	4.0	1.0	30	
31	1.3	4.5	20	14	14	61	52	4.0	4.0	4.0	4.0	31	
MEAN	0.9	4.7	7.4	10.1	8.6	12.4	18.4	100	26.9	7.2	4.3	1.2	MEAN
MAX.	1.8	17	20	66	15	30	25	173	61	12	5.4	1.6	MAX
MIN.	0.6	1.3	2.1	1.4	5.4	5.4	13	21	13	4.7	3.3	0.9	MIN
AC. FT.	54	281	453	622	479	764	1097	6147	1603	442	264	74	AC. FT.

WATER YEAR SUMMARY

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 # - E AND *

MEAN DISCHARGE	MAXIMUM DISCHARGE				MINIMUM DISCHARGE				TOTAL ACRE FEET	
DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME	
17.0	204 E	5.32	5	9	1930	0.6	1.79	10	1	0015

12280

LOCATION			MAXIMUM DISCHARGE				PERIOD OF RECORD				DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M	OF RECORD				DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM		
			CFS	GAGE HT.	DATE	FROM			TO					
41 53 02	120 20 27	SE27 47N 14E	615 E	5.26	12/25/64	JUN 61-DATE	JUN 61-DATE	1961			0.00		LOCAL	

Station located at U.S. Highway 395 culvert, approximately 2 mi. SE of Willow Ranch. Tributary to Goose Lake. Stage-discharge relationship affected by ice at times.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967	A13055	NORTH FORK DAVIS CREEK NEAR DAVIS CREEK	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.2	1.2	1.6	2.7 E	1.2 E	1.5 E	2.5 E	3.1 E	42	9.2	5.5	2.7	1
2	1.2	1.2	1.7	2.6 E	1.2 E	1.5 E	2.5 E	3.4 E	23	8.7	5.2	2.7	2
3	1.1 *	1.2	1.7	2.5 E	1.2 E	1.5 E	2.5 E	4.0 E	18	7.4	5.2	2.7	3
4	0.9	1.2	1.6	2.4 E	1.2 E	1.6 E	2.6 E	4.6	13	6.6	4.9	2.9	4
5	0.9	1.2	2.1	2.4 E	1.2 E	1.6 E	2.6 E	5.8	13	7.8	4.9	2.9	5
6	0.9	1.4	1.6	2.3 E	1.2 E	1.6 E	2.7 E	7.0	13	7.8	4.9	2.7	6
7	1.0	1.4	1.4	2.2 E	1.2 #	1.6 E	2.7 E	9.2	12	*	8.2	4.9	7
8	1.0	1.3	1.6	2.1 E	1.2 E	1.6 E	2.7 E	16	6.6	7.8	4.6	2.7	8
9	1.0	1.7	3.1	2.0 E	1.2 E	1.6 #	2.8 E	29	6.6	7.4	4.3	2.7	9
10	0.9	1.6	1.4	1.9 E	1.2 E	1.6 E	2.8 E	31	6.6	7.4	4.0	2.7	10
11	1.0	1.7	1.3	1.8 E	1.2 E	1.6 E	2.9 E	29	8.2	7.0	4.0	2.7 *	11
12	1.1	1.9	1.7	1.8 E	1.2 E	1.7 E	2.9 E	25	8.2	6.6	4.0	2.6	12
13	1.2	1.7	1.7	1.7 E	1.2 E	1.7 E	3.0 E	22	8.2	7.0	4.0	2.6	13
14	1.1	1.4	1.4	1.6 E	1.3 E	1.8 E	3.0 E	21	7.8	7.0	4.0	2.6	14
15	1.2	1.4	1.7	1.5 E	1.3 E	1.8 E	3.0 E	26	7.8	7.0	3.8	2.6	15
16	1.2	2.1	2.2	1.4 E	1.3 E	1.8 E	3.0 E	41	7.8	7.4	3.6 *	2.4	16
17	1.1	1.6	2.1	1.3 E	1.3 E	1.9 E	3.0 E	48	8.2	7.0	3.4	2.6	17
18	1.2	1.6 *	1.6	1.2 E	1.3 E	1.9 E	3.0 #	61	8.2	7.0	3.4	2.6	18
19	1.2	1.9	1.8	1.2 #	1.4 E	1.9 E	3.0 E	72	8.2	7.0 *	3.4	2.6	19
20	1.2	2.2	1.2	1.2 E	1.4 E	2.0 E	3.0 E	69	8.2	7.0	3.4	2.4	20
21	1.2 *	1.7	3.6 *	1.2 E	1.4 E	2.0 E	3.0 E	69	8.7	7.0	3.4	2.4	21
22	1.4	1.8	3.6 E	1.2 E	1.4 E	2.1 E	3.0 E	61	8.7	7.0	3.4	2.4	22
23	1.3	5.5	3.5 E	1.2 E	1.4 E	2.1 E	3.0 E	64	9.2	6.6	3.1	2.6	23
24	1.2	3.6	3.4 E	1.2 E	1.4 E	2.1 E	3.0 E	64	8.7	6.6	3.1	2.6	24
25	1.2	1.8	3.3 E	1.2 E	1.5 E	2.2 E	3.0 E	61	9.2	6.6	3.1	2.6	25
26	1.2	1.9	3.2 E	1.2 E	1.5 E	2.2 E	3.0 E	59	9.2	6.2	3.4	2.6	26
27	1.2	1.9	3.1 E	1.2 E	1.5 E	2.3 E	3.0 E	59	9.7	5.8	3.1	2.4	27
28	1.2	1.0	3.0 E	1.2 E	1.5 E	2.3 E	3.0 E	64	9.7 *	6.6	3.1	2.4	28
29	1.2	1.8	3.0 E	1.2 E	2.3 E	3.0 E	59	9.7	6.2	2.9	2.4	29	
30	1.2	0.8	2.9 E	1.2 E	2.4 E	3.0 E	61	9.7	6.6	2.9	2.6	30	
31	1.2	2.8 E	1.2 E	2.4 E	2.4 E	64	6.2	6.2	2.9			31	
MEAN	1.1	1.8	2.3	1.6	1.3	1.9	2.9	39.1	10.9	7.1	3.9	2.6	MEAN
MAX.	1.4	5.5	3.6	2.7 E	1.5 E	2.4 E	3.0 E	72	42	9.2	5.5	2.9	MAX.
MIN.	0.9	0.8	1.2	1.2 E	1.2 E	1.5 E	2.5 E	3.1 E	6.6	5.8	2.9	2.4	MIN.
AC. FT.	70	106	139	101	72	115	171	2404	649	436	238	155	AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM				MINIMUM				TOTAL ACRE FEET		
6.4	DISCHARGE	GAGE HT	MO	DAY	TIME	DISCHARGE	GAGE HT.	MO	DAY	TIME	4656

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T & R M.D.B & M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE NT.	DATE			FROM	TO		
41 44 17	120 20 19	SE27 45N 14E	84 E	2.71	6/11/64	JUN 61-DATE	JUN 61-DATE	1961		0.00	LOCAL

Station is located approximately 2.1 mi. E of Davis Creek. Tributary to Goose Lake via Davis Creek. Stage-discharge relationship affected by ice at times. Computation of flow discontinued Oct. 1, 1967.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A14100	PINE CREEK NEAR ALTURAS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7.5	7.5	9.4	9.2 E	22	8.4	10	22	76	46	18	12	1
2	7.5	7.5	9.4	9.2 E	19	8.4	9.7	21	68	45	18	12	2
3	7.5 *	7.7	10	9.2 E	15	7.9	9.7	15	64	44	18	12	3
4	7.5	7.7	8.9	9.2 E	13	8.7	9.7	12 *	67	42	17	13	4
5	7.5	7.5	8.9	9.4 E	11	9.7	10	13	78	40	17	13	5
6	7.5	8.7	8.9	9.4 E	9.7	8.7	10	13	90	39	17	13	6
7	7.2	8.4	8.9	9.4 E	10	8.7	11	17	77	38	16	12	7
8	7.2	7.7	8.4 *	9.4 E	8.9 *	8.7 *	23	22	73	36	16	12	8
9	7.2	7.5	8.4	9.4 E	9.2	8.7	15	27	76 *	34	16	12	9
10	7.2	8.2	10	9.4 E	8.9	8.7	11	27	78	33	16	12	10
11	7.2	9.7	12	9.4 E	8.9	8.9	10	27	81	30	16	12	11
12	7.0	9.4	16	9.7 E	8.9	8.7	10	24	79	29	15	12 *	12
13	7.0	8.7	12	9.7 E	8.9	9.7	10	20	76	29	15	11	13
14	7.2	8.4	12	9.7 E	8.9	9.2	10	20	73	28	15	11	14
15	7.2	8.4	9.7	9.7 E	9.7	8.4	11	25	69	28	15	11	15
16	7.5	7.7	9.2	9.7 E	10	10	11	31	65	28	15 *	11	16
17	7.2	8.7 *	8.9	9.7 E	10	12	10	37	65	27	15	11	17
18	7.0	8.4	8.7	9.7 #	11	10	11 *	43	66	26	15	12	18
19	6.8 *	8.2	8.2	9.7	9.2	10	12	47	67	25 *	15	12	19
20	7.0	9.7	8.9	9.7	7.7	10	12	49	67	24	15	11	20
21	7.2	8.7	7.0	10 E	8.9	9.7	9.4	52	67	23	14	11	21
22	7.7	7.2	7.5	10 E	9.2	9.7	12	62	66	22	14	11	22
23	7.7	8.2	11	11 E	8.7	10	11	77	74	22	14	10	23
24	7.5	7.9	8.2	11 E	8.9	10	12	90	60	21	13	11	24
25	7.5	8.2	8.9	12 E	8.7	9.7	26	96	56	20	14	11	25
26	7.2	8.7	9.4	12 E	8.7	9.7	27	96	52	20	14	11	26
27	7.2	8.2	8.9	30 E	8.4	9.7	26	94	50	19	14	11	27
28	7.5	10	8.9 E	127 E	8.2	9.7	34	92	48 *	19	13	10	28
29	7.5	11	9.2 E	57		8.7	24	90	48	19	13	10	29
30	7.5	9.2	9.2 E	25		10	20	85	47	18	13	11	30
31	7.5	9.2	9.2 E	29		10	81	81	18	12			31
MEAN	7.3	8.4	9.5	16.9 E	10.3	9.4	14.2	46.0	67.4	28.8	15.1	11.5	MEAN
MAX.	7.7	11	16	127 E	22	12	34	96	90	46	18	13	MAX
MIN.	6.8	7.2	7.0	9.2 E	8.2	7.9	9.4	12	47	18	12	10	MIN
AC. FT.	450	502	584	1039 E	574	576	848	2830	4013	1769	928	682	AC. FT.

WATER YEAR SUMMARY

E - ESTIMATED
NR - NO RECORD
* - DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY
- E AND *

MEAN DISCHARGE	DISCHARGE	MAXIMUM GAGE HT.	MINIMUM GAGE HT.
20.4	175 E	2.74	1 28 1730

TOTAL ACRE FEET
14800

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
41 25 59	120 26 32	SW35 42N 13E	264 E	3.26	6/9/64	NOV 57-DATE	NOV 57-DATE	1957		0.00	LOCAL
Station located approximately 0.3 mi. N of Pine Creek Boulevard, 6.1 mi SE of Alturas. Tributary to Pit River. Stage-discharge relationship affected by ice at times. Station discontinued in October 1963, reinstalled April 16, 1964 at a site approximately 2000 ft. downstream.											

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME										
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.2	0.4	110	4.2	253	49	52	114	21	0.7	0.3	0.2	1
2	0.2	0.4	280	E	3.3	181	44	48	129 *	17	0.7	0.3	2
3	0.2	0.4	241	E	3.2	141	34	44	108	11	0.7	0.3	3
4	0.3	0.4	212	E	3.2	112	25	39	88	8.6	0.7	0.3	4
5	0.2	0.4	186	E	3.5	90	22	42	78	7.7	0.6	0.3	5
6	0.2	0.7	162	#	3.6	71	25	45	72	6.8	0.5	0.3	6
7	0.2	0.8	143	E	3.0	58 *	27	52	77	6.1	0.5	0.2	7
8	0.2	0.6	124	E	3.0	50	29	49	84	5.1 *	0.5	0.2	8
9	0.2	0.5	108	E	2.9	50	34 *	46	96	5.5	0.5	0.2	9
10	0.2	0.6	94	E	2.7	65	34	44	132	5.7	0.5	0.2	10
11	0.2	0.8	90	E	3.0	70	22	48	123	4.0	0.5	0.2	11
12	0.4	0.9	74	E	3.3	94	32	52	99	3.5	0.5	0.2	12
13	0.4	1.0	63	E	4.3	93	36	46	77	3.2	0.5	0.2	13
14	0.4	0.9	55	E	6.5	58	40	61	65	3.0	0.4	0.2 *	14
15	0.4	0.9	48	E	7.2	51	42	97	61	2.6	0.4	0.2	15
16	0.4	0.7	41	E	7.2	44	469	108	61	2.4	0.4	0.2	16
17	0.4	1.2 *	34	E	5.9	74	442	96	60	2.5	0.5	0.2	17
18	0.4	0.8	28	E	3.6 *	85	400	104	58	2.1	0.4	0.2	18
19	0.4 *	2.8	22	E	3.5	57	266	99 *	54	2.0	0.4	0.2	19
20	0.4	83	17	E	2.6	39	181	91	49	2.0	0.4	0.2	20
21	0.5	31	13	#	4.3	32	155	111	44	2.0	0.4	0.2	21
22	0.4	7.4	13		4.9	35	143	143	38	1.6	0.4	0.2	22
23	0.4	13	12		3.2	37	167	176	32	1.6	0.4	0.2	23
24	0.4	8.6	8.9		3.3	42	129	186	28	1.6	0.4	0.2	24
25	0.3	4.9	6.8		3.2	41	97	241	22	1.4	0.3	0.2	25
26	0.3	3.6	5.9		2.6	34	79	232	19	0.9	0.3	0.2	26
27	0.4	5.3	4.5		3.6	36	67	216	17	0.9	0.3	0.2	27
28	0.1	76	4.5		8.5	46	61	136	22	0.9 *	0.3	0.2	28
29	0.4	172	3.6		377		56	141	16	0.8	0.4	0.2	29
30	0.4	93	3.6		387		55	105	12	0.7	0.3	0.2	30
31	0.4		3.8		305		56	14	0.3	0.3	0.2	0.3	31
MEAN	0.3	17.1	71.3		38.1	72.8	10.7	100	62.9	4.5	0.5	0.2	0.3
MAX.	0.5	172	280	E	387	253	469	232	132	21	0.7	0.3	0.3
MIN.	0.2	0.4	3.6		2.6	32	22	39	12	0.7	0.3	0.2	0.2
AC. FT.	20	1018	4387		2345	4044	6581	5950	3866	266	28	13	16

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM DISCHARGE	MINIMUM DISCHARGE	TOTAL ACRE FEET
39.4	1360E	8.83	28530

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.O.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
41 25 53	121 00 34	SE 35 42N 8E	3250	E	10.18	10/12/62	MAY 58-DATE	MAY 58-DATE	1958	0.00	LOCAL
Station located 1.4 mi. above mouth, 7.3 mi. W of Canby. Tributary to Pit River. Stage-discharge relationship affected by ice at times. Station discontinued Oct. 1, 1967.											

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967	A18350	ASH CREEK AT ADIN	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	22	24	84	30	400 E	207	135	253	210	17	22	16	1
2	22	24	100	30	310 E	131	134	262 *	185	19	22	17	2
3	19 *	22	124	30	250 E	140	129	274	156	18	21	14	3
4	17	22	70	32	230 E	109	107	308	140	15	21 *	14	4
5	20	23	168	35	190 E	110	120	332	149	14	20	15	5
6	21	30	78	30	180 E	129	113	341	180	15	15	14	6
7	21	31	63	26	175 E	128 *	135	374	148 *	16	16	14	7
8	21	33	55 *	27	170 E	124	196	439	130	16	16	14	8
9	21	32	45	31	168 *	128	156	510	123 *	16	17	16	9
10	21	30	68	31	173	121	148	588	115	14	19	16	10
11	20	34	68	31	186	123	154	567	95	15	19	15	11
12	20	34	84	33	301	112	251	567	91	15	25	14 *	12
13	20	33	152	36	292	109	210	478	75	15	21 *	14	13
14	22	30	123	35	220	109	326	427	61	15	21	14	14
15	24	30	73	36	148	132	383	429	59	14	21	14	15
16	24	40	58	35	136	502	253	449	52	14	23	14	16
17	23	36	53	30	183	351	203 *	467	49	20	22	16	17
18	22	32 *	49	30 *	202	340	271	465	45	20 *	23	20	18
19	21 *	30	46	30	166	245	227	460	42	21	22	19	19
20	20	34	46	32	129	214	214	423	45	16	24	19	20
21	20	36	43 *	36	121	198	190	399	43	15	24	22	21
22	23	37	38	36	136	188	308	378	37	18	24	19	22
23	24	31	36	31	157	193	439	355	24	21	21	14	23
24	24	30	36	41	161	162	586	307	26	24	19	14	24
25	24	33	36	39	157	148	785	254	24	24	20	14	25
26	26	36	33	37	157	134	564	220	23	21	24	16 *	26
27	25	35	30	41	169	123	536	203	23	21	24	19	27
28	24	52	30	185	224	124	484	190	20 *	21	23	20	28
29	24	69	33	940 E		123	336	178	16	23	18	21	29
30	25	43	32	760 E		131	272	152	17	21	19	21	30
31	24	30	600 E	118				156	21	21	18		31
MEAN	22.1	33.5	64.0	109 E	196	169	279	361	80.1	17.9	20.8	16.3	MEAN
MAX.	26	69	168	940 E	502	785	588	210	24	25	22	22	MAX.
MIN.	17	22	30	26	121	109	107	152	16	14	15	14	MIN.
AC. FT.	1357	1995	3935	6696	10890	10400	16600	22220	4766	1100	1277	970	AC. FT.

WATER YEAR SUMMARY

E - ESTIMATED
NR - NO RECORD
* - DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY
- E AND *

MEAN DISCHARGE	DISCHARGE	MAXIMUM	MINIMUM
114	NR	GAGE HT. MO. DAY TIME	GAGE HT. MO. DAY TIME

TOTAL ACRE FEET
82220

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.O.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. OATUM
			CFS	GAGE HT.	DATE			FROM	TO		
41 11 54	120 56 30	SW21 39N 9E	2880 E	14.40	10/13/62	MAR 37-SEP 57 8 SEP 57-DATE	MAR 37-SEP 57 8 SEP 57-DATE	1957		0.00	LOCAL
Station located 200 feet above State Highway 299 bridge. Tributary to Pit River. Stage-discharge relationship affected by ice at times. Drainage area is 258 sq. mi.											
8 - Irrigation season only.											

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967	A11349	HORSE CREEK AT LITTLE VALLEY	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	8.4	11	14	11	212	22 E	42	133	96	11	7.2	7.2	1
2	8.4	11	28	11	119 *	21 E	46	115	90	10	7.2	6.8	2
3	6.1	11	34	11	85	20 E	42	106	72	11	7.6	6.5	3
4	5.1	11	37	11	72	20 E	36	102 *	64	10	7.6	6.8	4
5	6.8 *	10	37	12 *	63	19 E	34	110	66	10	7.2	6.8	5
6	7.6	12	35	11	51	18 E	32	117	61	11	6.8	6.5	6
7	9.8	14	28	10	49	18 #	35	119	57	11	6.8	6.5	7
8	10	14	21	10	45	18	37	141	56 *	12	6.8	6.1	8
9	8.9	13	18	11	41	18	36	176	66	11	6.8	6.1	9
10	8.9	14	18	11	40	19	36	239	69	11	5.8	5.8	10
11	8.4	13	20	11	38 E	25	35	260	68	11	5.4	6.1	11
12	8.4	13	18	12	37 E	29	37	249	63	10	6.8	6.1	12
13	8.4	13	19 *	13	35 E	23	35	222	64	10	7.2	5.8 *	13
14	9.8	12	24	13	34 E	24	36	203	63	11	6.8 *	5.8	14
15	13	12	22	13	34 E	32	42	187	58	10	6.8	7.6	15
16	12	16	18	13	32 E	178	39	176	51	11	6.5	9.3	16
17	12 *	18	16	13	32 E	167	35 *	167	46	8.9	5.4	11	17
16	13	15	14	12	32 E	102	44	164	40	5.4 *	4.5	13	18
19	13	14	14	12	30 E	74	53	156	39	5.8	4.5	12	19
20	12	21	14	13	30 E	58	63	146	42	5.8	4.5	13	20
21	12	26 *	14	18	30 E	56	63	136	39	6.1 *	4.5	13	21
22	11	24	13	30	29 E	53	57	129	37	6.1	4.5	12	22
23	11	19	12	27	28 E	53	57	122	27	5.8	4.8	11	23
24	11	14	12	24	27 E	54	76	108	20	5.4	4.8	11	24
25	10	13	12	22	25 E	47	129	94	16	5.1	5.4	11	25
26	11	13	11	20	24 E	42	115	86	14	5.4	6.1	11 *	26
27	13	14	11	22	24 E	38	122	85	13	5.8	7.6	10	27
28	14	16	10	72	23 E	38	136	76	11 *	6.1	7.6	9.8	28
29	12	17	11	318		40	143	68	10	6.8	6.8	9.8	29
30	12	17	11	389		41	148	58	10	6.1	7.2	9.3	30
31	11	11	327			38	61			6.5	7.2		31
MEAN	10.3	14.7	18.6	48.5	47.2 E	45.3	61.4	139	47.6	8.5	6.3	8.8	MEAN
MAX.	14	26	37	389	212	178	148	260	96	12	7.6	13	MAX.
MIN.	5.1	10	10	10	23 E	18 E	32	58	10	5.1	4.5	5.8	MIN.
AC. FT.	631	875	1144	2991	2620 E	2787	3652	8551	2832	520	386	521	AC. FT.

WATER YEAR SUMMARY

E - ESTIMATED
NR - NO RECORD
* - DISCHARGE MEASUREMENT OR OBSERVATION
DF - NO FLOW MADE THIS DAY
- E AND *

MEAN DISCHARGE	DISCHARGE	MAXIMUM GAGE HT.	MO.	DAY	TIME	MINIMUM DISCHARGE	GAGE HT.	MO.	DAY	TIME	TOTAL ACRE FEET
38.0	522	3.67	1	30	2040	4.5	1.63	8	17	1500	27500

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD				DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM	
			CFS	GAGE HT.	DATE			FROM	TO			
40 53 36	121 10 23	NE15 35N 7E	760	4.06	12/24/64	OCT 59-DATE	SEP 59-DATE	1959		0.00	LOCAL	

Station located 300 ft. below Western Pacific Railroad bridge, 0.5 mi. NE of Little Valley. Tributary to Pit River. Drainage area is 203 sq. mi. Stage-discharge relationship affected by ice at times. Station discontinued Oct. 1, 1967.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A17220	FALL RIVER NEAR DANA

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	421	417	431	429	584	479	567	549	704	483	464	450	1
2	421	417	472	425	561 *	485	557	559	704	475	466	448	2
3	421	417	489	425	511	483	555	567	673	472	464	446	3
4	421	417	489	425	524	479	551	574	662	472	466	446	4
5	419 *	417	685	425 *	508	475	553	582	658 *	472	470	444	5
6	419	421	554	421	497	475	565	615	656	466	472	441	6
7	419	419	507	423	493	479	565	636	656	464	472	443	7
8	421	419	472	425	483	481	561	685	644	462	472	441	8
9	421	419	452	425	481	483 *	565	772	638	462	472	439	9
10	419	419	443	427	479	505	569	842 *	631	458	468	439	10
11	419	419	446	427	477	516	567	809	605	458	468	437	11
12	419	421	443	427	479	514	559	753	580 *	454	475	435	12
13	419	419	452	427	485	507	563	724	571	454	475	435	13
14	419	419	468	427	489	505	598	718	561	452	475	433	14
15	419	423	448	425	481	503	588	733	555	446	475	431	15
16	419	425	441	425	479	574	571	772	549	446	475	429	16
17	419	423	433	419	477	623	571 *	821	547	446	477 *	427	17
18	419	423	431	425	479	669	572	869	541	443 *	477	427	18
19	419	423	431	423	479	633	567	908	551	444	475	425	19
20	417	450	429	429	477	615	555	908	545	446	474	423	20
21	419	433 *	431	433	475	611	549	902	536	450	472	421	21
22	421	431	431	433	475	605	549	912	526	452	470	421	22
23	421	425	431	433	475	679	547	914	520	454	468	419	23
24	421	419	431	437	477	677	557	888	510	456	466	421	24
25	417	417	431	437	479	636	567	863	505	456	466	419	25
26	417	419	429	437	477	609	563	815	499	458	464	417	26
27	419	415	427	439	475	596	574	795	495	458	460	415	27
28	419	417	427	439	477	596	569	803	489 *	458	458	417	28
29	419	427	429	477		584	559	803	475	460	456	415	29
30	417	429	429	582		576	551	759	483	462	452	415	30
31	417	427	602			576		724		462	450		31
MEAN	419	422	456	440	492	556	563	761	576	458	468	431	MEAN
MAX.	421	450	685	602	584	679	593	914	704	493	477	495	MAX.
MIN.	417	417	427	419	475	547	549	547	475	443	443	450	MIN.
AC. FT.	25780	25110	28000	27100	2' 300	34170	33510	46780	34250	2810	28 00	28 40	AC. FT.

WATER YEAR SUMMARY

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 # - E AND *

MEAN DISCHARGE	MAXIMUM DISCHARGE					MINIMUM DISCHARGE				
504	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT	MO.	DAY	TIME

TOTAL ACRE FEET
364600

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
41 06 19	121 33 00	NE30 38N 4E	3910 E	12.62	12/23/64	NOV 57-DATE	NOV 57-DATE	1957		0.00	LOCAL
Station located at private bridge, 0.7 mi. SE of Dana. Station discontinued Oct. 1, 1967.											

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A15150	BURNEY CREEK NEAR BURNEY

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	10	13	179	33	370	78	127	90	286	56	19	14	1
2	11	11	326	31	284	79	122	88	292	54	18	15	2
3	10	7.8	240	31	244	78	118	93	248	52	18	16	3
4	9.2	9.5	256	32	210	72	112	98 *	176	50	19	16	4
5	9.2 *	12	449	31 *	186	70	109	112	153 *	48	19	14	5
6	8.5	16	229 *	28	158	69	120	141	153	45 *	20	12	6
7	9.5	17	141	27	148	71 *	124	139	157	43	23	12	7
8	9.9	17	90	27	138	72	117	165	156 *	40	24	12	8
9	9.2	13	90	26	131	74	118	236	224	41	21	13	9
10	11	13	84	26	128	95	117	334	182	40	20	13	10
11	11	14	80	26	123	130	110	343	157	40	20	14	11
12	12	31	81	27	124	96	102	279	186	37	20	15	12
13	8.8	21	109	27	131	84	101	242	202	31	20	15 *	13
14	9.2	40	104	27	130	82	114	260	141	30	18 *	13	14
15	11	62	80	27	113	81	119	297	134	29	15	12	15
16	10	148	90	27	105	271	114	346	129	30	16	14	16
17	7.5 *	40	51	24	102	269	107	383	119	30	16	16	17
18	7.5	27	46	24	97	262	107	415	115	29 *	16	21	18
19	8.5	55	44	24	95	201	108 *	469	113	27	18	18	19
20	13	260	44	31	91	199	109	536	105	27	16	18	20
21	12	128 *	48	95	85	191	104	539	107	27	15	18	21
22	12	86	45	91	83	198	96	602	103	31	16	19	22
23	12	53	44	74	82	299	92	636	95	30	15	18	23
24	12	45	42	62	82	225	93	588	83	26	16	16	24
25	12	40	51	64	86	189	102	489	77	23	16	16	25
26	12	38	45	60	80	165	112	435	72	23	16	16 *	26
27	12	37	37	63	77	147	113	402	70	24	16	16	27
28	12	48	30	176	77	155	113	411	68	23	16	16	28
29	12	131	30	920	148	107	367	64	23	15	15	15	29
30	13	82	30	679 *	138	96	312	60	22	15	16	30	31
31	14		32	475	137			277		20	15		
MEAN MAX. MIN. AC. FT.	10.7 14 7.5 657	50.5 260 7.8 3006	104 449 30 6440	920 370 24 6575	110 299 77 7458	134 127 69 8777	110 127 92 6545	327 636 88 20080	141 292 60 8382	33.9 56 20 2085	17.6 24 15 1085	15.3 21 12 910	MEAN MAX. MIN. AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE 99.8	MAXIMUM				MINIMUM				TOTAL ACRE FEET 72,000
DISCHARGE 1211E	GAGE HT. 10.35	MO.	DAY	TIME	DISCHARGE 7.5	GAGE HT. 5.47	MO	DAY	TIME

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
40 52 18	121 40 58	SW19 35N 3E	1330	11.62	1/31/63	APR 58-DATE	APR 58-DATE	1958		0.00	LOCAL

Station located 300 ft. above county road bridge, 0.8 mi. SW of Burney. Tributary to Pit River. Stage-discharge relationship affected by ice at times. Flow affected by upstream diversion. Drainage area is 87.7 sq. mi.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A48375	SALT CREEK NEAR BELLA VISTA

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.0	.58	2.5	130	2.5	187	23	1.8	0.0	0.0	0.0	1
2	0.0	0.0	144 *	2.3	70 *	2.4	97	18	8.6	0.0	0.0	0.0	2
3	0.0	0.0	113	2.2	42	2.1	64	15	2.1	0.0	0.0	0.0	3
4	0.0	0.0	106	2.1	27	1.9	42	13	1.0	0.0	0.0	0.0	4
5	0.0	0.0	156	1.9 *	21	1.8	29	12	0.7	0.0	0.0	0.0	5
6	0.0	0.0	47	1.8	15	1.8 *	54	9.4	0.9	0.0	0.0	0.0	6
7	0.0	0.0	37	1.8	13	1.8	52	6.1	0.9 *	0.0	0.0	0.0	7
8	0.0	0.0	25	1.7	11	1.7	35	6.0	0.9	0.0	0.0	0.0	8
9	0.0	0.0	24	1.6	10	1.7	37	11 *	0.4	0.0	0.0	0.0	9
10	0.0	0.0	74	1.6	8.6	45	38	11	0.3	0.0	0.0	0.0	10
11	0.0	0.0	42	1.6	7.5	35	36	8.2	0.2	0.0	0.0	0.0	11
12	0.0	0.0	28	1.6	6.9	14	27	7.5	0.2	0.0	0.0	0.0	12
13	0.0	0.0	66 *	1.4	6.3	80	35 *	6.3	0.1	0.0	0.0	0.0	13
14	0.0	0.1	48	1.4	5.4	91	60	5.2	0.1	0.0	0.0	0.0	14
15	0.0	7.4	30	1.4	4.7	67	46	4.4	0.0	0.0	0.0	0.0	15
16	0.0	24	21	1.2	4.4	235	32	4.0	0.0	0.0	0.0	0.0	16
17	0.0	5.7	15	1.2	4.2	139	108	3.6	0.0	0.0	0.0	0.0	17
18	0.0	3.4	12	1.2	4.0	140	224	2.8	0.0	0.0	0.0	0.0	18
19	0.0	16	10	1.2	3.6	101	175	1.9	0.0	0.0	0.0	0.0	19
20	0.0	74	8.6	484 E	3.0	82	116	1.2	0.0	0.0	0.0	0.0	20
21	0.0	91 *	7.5	939 E	3.0	58	80	0.8	0.0	0.0	0.0	0.0	21
22	0.0	43	6.3	194	3.0	44	64	0.6	0.0	0.0	0.0	0.0	22
23	0.0	17	6.6	105	2.8	38	60	0.5	0.0	0.0	0.0	0.0	23
24	0.0	9.7	5.7	205	3.2	27	78	0.4	0.0	0.0	0.0	0.0	24
25	0.0	6.9	4.7	111	6.6	22	74	0.3	0.0	0.0	0.0	0.0	25
26	0.0	5.4	4.2	298	3.4	19	61	0.3	0.0	0.0	0.0	0.0	26
27	0.0	4.4	4.0	249	2.8	15	95	0.3	0.0	0.0	0.0	0.0	27
28	0.0	28	3.4	414	2.7	16	67	0.8	0.0	0.0	0.0	0.0	28
29	0.0	34	3.2	387		14	50	0.6	0.0	0.0	0.0	0.0	29
30	0.0	19	3.0	257		46	31	0.5	0.0	0.0	0.0	0.0	30
31	0.0		2.8	393		200		0.3	0.0	0.0	0.0	0.0	31
MEAN	0.0	13.0	36.0	131	15.2	49.9	71.8	5.6	0.6	0.0	0.0	0.0	MEAN
MAX.	0.0	91	156	939 E	130	235	224	23	8.6	0.0	0.0	0.0	MAX
MIN.	0.0	0.0	2.8	1.2	2.7	1.7	27	0.3	0.0	0.0	0.0	0.0	MIN
AC. FT.	0.0	772	2214	8068	843	3066	4272	347	36	0.0	0.0	0.0	AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM DISCHARGE	MINIMUM DISCHARGE							
DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME
27.1	1521 E	5.63	1	21	0500	0.0			

TOTAL ACRE FEET
19620

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
40 39 40	122 11 41	NW3 32N 3W	3270 E	6.66	4/5/63	NOV 57-DATE	NOV 57-DATE	1957		0.00	LOCAL
Station located at State Highway 299 bridge, 2.8 mi. NE of Bella Vista. Tributary to Sacramento River via Little Cow Creek and Cow Creek. Station discontinued Oct. 1, 1967.											

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
	1967	A40750	BEAR CREEK NEAR MILLVILLE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	5.9	10	300	39	576	85	260	276	88	23	9.3	7.5	1
2	6.4	10	837	37	433	82	193	285	106	23	9.3	8.1	2
3	6.9	10	489	37	350	79	201	264	87	22	9.6	8.4	3
4	6.9	10	265	37	300	76	176	264	72	22	9.6	10	4
5	7.6	11	323	37	255	73	204	264	71	22	9.3	8.1	5
6	7.4	31	182	35	227	72	572	244	71	19	9.3	7.8	6
7	7.6	30 *	137	35	206	69	406	229	67	19	10	8.4	7
8	7.6	19	114	35	186	67	309	225	63	18	9.6 *	8.4	8
9	7.6	18	98	34	173	65	273	231	60	19	11	8.7	9
10	7.1	17	156	33	158	72	278	326 *	57	19	10	8.4	10
11	6.9 *	19	111	33 *	147	316	312	266	56	17	9.3	9.0	11
12	7.6	48	91	33	140	214	253	227	56	16	9.3	10	12
13	8.5	30	180	33	134	233	295 *	193	53	15	9.3	10	13
14	8.5	30	149	32	133 *	240	244	173	48	14	9.6	7.2	14
15	8.8	44	107	32	126	208	253	161	48	11	8.1	7.8	15
16	9.7	132	89 *	31	119	756	222	155	42	13	7.8	7.2	16
17	10	37	79	31	115	348 *	290	147	40	15	7.5	8.4	17
18	8.8	28	71	31	108	285	381	139	41	13	7.5	12	18
19	8.2	72	65	30	102	231	451	130	41	13	7.8	8.7	19
20	10	423	61	470	95	290	373	120	38	11 *	7.8	9.3	20
21	10	164	57	1910	92	248	312	111	36	12	7.2	10	21
22	11	185	53	684	89	210	295	104	33 *	12	7.2	10	22
23	11	69	55	381	87	244	345	98	31	11	9.3	9.3	23
24	11	49	53	395	89	203	381	92	29	12	8.4	10	24
25	9.7	40	49	292	159	173	457	85	29	13	7.2	11	25
26	11	35	47	430	113	155	358	76	28	12	7.0	8.4	26
27	11	31	45	551	99	139	558	74	27	13	7.8	8.7	27
28	11	93	42	814	90	150	409	78	27	14	8.7	9.0	28
29	11	298	43	1020	147	333	81	26	13	6.7	8.7 #	29	
30	10	108	42	870	147	300	75	24	11	6.7	8.7 E	30	
31	10		39	906	204		71 *		11	6.4		31	
MEAN	8.9	70.0	143	302	175	190	321	170	49.8	15.4	8.5	8.9 E	MEAN
MAX.	11	423	837	1910	576	756	572	326	106	23	11	12 E	MAX
MIN.	5.9	10	39	30	87	65	176	71	24	11	6.4	7.2 E	MIN
AC. FT.	545	4167	8785	18580	9721	11660	19090	10440	2965	948	524	530	AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM				MINIMUM				TOTAL ACRE FEET		
122	DISCHARGE	GAGE HT.	MO	DAY	TIME	DISCHARGE	GAGE HT.	MO	DAY	TIME	87960
4430	12.35	1	21	1530		5.9	3.30	10	1	0000	

TOTAL ACRE FEET
87960

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R M.D.B & M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
40 31 48	122 06 34	NE20 31N 2W	3150 E	10.38	1/5/65	OCT 59-DATE	AUG 59-DATE	1959		0.00	LOCAL

Station located below State Highway 44 bridge, 3.7 mi. E of Millville. Tributary to Sacramento River. Station discontinued Oct. 1, 1967.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A03545	NORTH FORK COTTONWOOD CREEK NEAR IGO

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	5.4	4.2	215	111	849	168	382	266	284	69	20	7.3	1
2	6.1	4.2	376	108	634	165	294	262	289	66	20	7.9	2
3	6.1	4.2	303 *	106	509	156	280	262	242	66	20	7.9	3
4	6.1	4.2	885	104	438	152	289	266	219	64	20	7.9	4
5	5.7	4.2	1180	104	392	149	349	271	219	61	18	9.2 *	5
6	5.7	5.7	498	101 *	368	140 *	926	276	204	61	18	9.8	6
7	5.7	7.9 *	397	101	354	135	753	321	196 *	59	18	10	7
8	5.4	6.5	344	101	344	129	593	397	185	52	16	9.8	8
9	5.1	6.5	312	98	344	124	599	588 *	175	49	16	10	9
10	4.5 *	11	438	95	335	200	676	476	165	47	16 *	10	10
11	5.1	14	321	95	326	215	849	392	149	45	16	11	11
12	5.4	40	280	92	335	219	683	354	159	45	14	10	12
13	5.7	52	354	92	330	196	582 *	321	140	42	14	9.2	13
14	5.4	146	280	89	321 *	193	492	307	126	42	14	9.2	14
15	5.4	294 *	219	89	316	196	460	316	92	38	12	8.5	15
16	5.4	200	178	89	307	571 *	438	335	83	40	12	7.9	16
17	5.4	116	178	86	298	368	664	335	80	38 *	12	10	17
18	5.1	116	172	80	298	291	498	316	78	37	12	13	18
19	4.8	204	175 *	78	280	266	476	303	78	37	10	12	19
20	4.5	438	168	548	226	423	454	298	106	35	9.8	10	20
21	4.5	226	156	753	223	373	412	294	101	35	9.2	9.2	21
22	4.5	189	149	215	219	335	123	280	95	33	9.2	9.2	22
23	4.5	156	143	178	211	326	465	276	95	33	9.2	9.2	23
24	4.5	135	132	492	208	303	382	266	92	33	9.2	9.2	24
25	4.8	121	129	289	219	294	349	253	89	33	9.2	9.2	25
26	4.5	113	124	1130	189	266	330	242	86	25	8.5	9.2	26
27	4.5	111	121	548	178	249	358	234	83 *	22	7.9	9.2	27
28	4.8	113	118	1300	175	245	316	226	80	22	7.3	8.5	28
29	5.1	118	116	1340	242	281	226	75	22	6.9	7.9	29	30
30	5.1	104	113	1480 *	335	271	219	72	22	7.3	8.5	30	31
31	4.8	113	1380	402	402	215 *			20	7.3			
MEAN	5.1	102	280	370	330	252	478	303	138	41.7	12.9	9.3	MEAN
MAX.	6.1	438	1180	1480	849	571	926	588	289	69	20	13	MAX.
MIN.	4.5	4.2	113	78	175	124	271	215	72	20	7.3	7.3	MIN.
AC. FT.	317	6079	17220	22750	18300	15510	28420	18630	8206	2565	791	555	AC. FT.

WATER YEAR SUMMARY

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 # - E AND *

MEAN DISCHARGE	DISCHARGE	MAXIMUM GAGE HT.	MINIMUM GAGE HT.
194	3466	35.09	1 30 2400

TOTAL ACRE FEET
139300

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
40 26 32	122 32 57	NW21 30N 6W	11000	39.45	12/22/64	NOV 56-DATE	NOV 56-DATE	1956		30.60	LOCAL

Station located at county road bridge, 4.4 mi. S of Igo, 4.4 mi. SE of Ono. Tributary to Sacramento River via Cottonwood Creek. Drainage area is 88.7 sq. mi.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967	A03565	DRY FORK SOUTH FORK COTTONWOOD CREEK NEAR COTTONWOOD	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.0	40	15	621	43	271	118	34	4.8	0.0	0.0	1
2	0.0	0.0	200	15	372	39	138	104	181	4.0	0.0	0.0	2
3	0.0	0.0	154 *	14	284	35	111	100	108	3.5	0.0	0.0	3
4	0.0	0.0	221	14	232	34	118	95	64	2.9	0.0	0.0	4
5	0.0	0.0	586 *	14	197	32	135	100	53	2.5	0.0	0.0	5
6	0.0	0.0	151	12 *	181	30 *	284	95	53	2.2 *	0.0	0.0	6
7	0.0	0.0	102	12	163	29	292	93	46	2.0	0.0	0.0	7
8	0.0	0.0	74	12	151	28	190	93	39	1.8	0.0	0.0	8
9	0.0	0.0	61	12	140 *	28	163	93 *	36	1.7	0.0	0.0	9
10	0.0	0.0	160	11	132	32	171	84	28	1.5	0.0	0.0	10
11	0.0	0.0	113	11	127	102	232 *	74	22	1.5	0.0	0.0	11
12	0.0	0.0	89	11	122	82	160	68	22	1.3	0.0	0.0	12
13	0.0	0.0	108	11	120	154	132	68	23	1.1	0.0	0.0	13
14	0.0	0.0	115	9.6	108	115	118	54	19	0.6	0.0	0.0	14
15	0.0	0.0	89	9.6	95	102	108	53	17	0.3	0.0	0.0	15
16	0.0	0.0	74	8.7	89	367	95	53	15 *	0.1	0.0	0.0	16
17	0.0	0.0	63	8.7	84	236	138	50	15	0.0	0.0	0.0	17
18	0.0	0.0	55	8.3	78	187	138	48	14	0.0	0.0	0.0	18
19	0.0	0.0	43 *	8.3	71	148	135	40	11	0.0	0.0	0.0	19
20	0.0	57	39	60	68	138	165	45	10	0.0	0.0	0.0	20
21	0.0	86	35	1120	66	171	135	40	10	0.0	0.0	0.0	21
22	0.0	82	31	288	64	146	125	39	8.3 *	0.0	0.0	0.0	22
23	0.0	30	30	154	63	135	228	36	7.5	0.0	0.0	0.0	23
24	0.0	18	28	965	61	118	259	30	7.1	0.0	0.0	0.0	24
25	0.0	9.6	24	301	60	102	232	28	7.1	0.0	0.0	0.0	25
26	0.0	10	21	1580 *	55	95	187	28	6.4	0.0	0.0	0.0	26
27	0.0	8.7	19	711	53	84	175	25	6.4	0.0	0.0	0.0	27
28	0.0	14	18	1770	48	80	154	25	5.8	0.0	0.0	0.0	28
29	0.0	25	18	3040	74	138	23	23	5.4	0.0	0.0	0.0	29
30	0.0	23 *	17	1600	80	122	19	19	5.1	0.0	0.0	0.0	30
31	0.0	16	2010	122	19 *				0.0	0.0	0.0	0.0	31
MEAN	0.0	12.1	90.1	446	139	102	168	59.7	29.3	1.0	0.0	0.0	MEAN
MAX.	0.0	86	586	3040	621	367	292	118	181	4.8	0.0	0.0	MAX.
MIN.	0.0	8.7	16	8.3	48	28	95	19	5.1	0.0	0.0	0.0	MIN.
AC. FT.	0.0	721	5542	27400	7745	6284	10010	3669	1744	63.1	0.0	0.0	AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM				MINIMUM				TOTAL ACRE FEET
DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME
87.3	5345 E	9.64	1	29	0700	0.0			65180

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
49 19 00	122 27 37	SE32 29N 5W	14100 E	10.19	4/5/58	MAR 58-DATE	MAR 58-DATE	1958		0.00	LOCAL

Station located at highway bridge, 10.7 mi. SW of Cottonwood. Tributary to Sacramento River via South Fork Cottonwood and Cottonwood Creeks. Drainage area is 151 sq. mi. Station discontinued Oct. 1, 1967.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A03595	SOUTH FORK COTTONWOOD CREEK NEAR COTTONWOOD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.0	391	74	1390	134	400 E	237	214	87	13	0.7	1
2	0.0	0.0	844	72	954	129	300 E	237	326	82	12	0.5	2
3	0.0	0.0	722 *	68	755	129	237 *	237	243	75	12	0.5	3
4	0.0	0.0	860	68	635	129	188	287	220	71	10	0.5	4
5	0.0	0.0	2490 *	66	590	115	158	389	227	66	9.5 E	0.5 *	5
6	0.0	0.0	905	66 *	533	115 *	451	414	227	62 *	9.0 E	0.4	6
7	0.0	0.0	557	60	509	110 E	445	468	234 *	58	8.5 E	0.4	7
8	0.0	0.0	414	60	474	110 E	321	702	227	55	8.2 E	0.4	8
9	0.0	0.0	334	56	445 *	105 E	273	806 *	220	52	8.0 E	0.4	9
10	0.0	0.0	352	56	433	110 E	315	670	220	48	7.4 #	0.3	10
11	0.0	0.0	346	54	420	190 E	427 *	544	220	46	6.2	0.3	11
12	0.0	0.0	352	54	414	180 E	280	440	207	42	5.1	0.3	12
13	0.0	0.0	420	51	439	170 E	245	364	200	39	4.3	0.3	13
14	0.0	0.7	515	51	396	160 E	237	326	183	37	3.8	0.3	14
15	0.0	83 *	414	54	352	150 #	220	370	183	34	3.2	0.3	15
16	0.0	367	340	54	321	700 E	220	495	183 *	33	2.3	0.3	16
17	0.0	171	280	54	294	600 #	252	607	177	31 *	1.8	0.2	17
18	0.0	74	245	54	273	400 E	237	628	177	29	1.6	0.3	18
19	0.0	84	204 *	54	252	250 E	252	565	177	28	0.8	0.2	19
20	0.0	805	196	131	196	360 E	252	551	160	26	0.6	0.3	20
21	0.0	551	163	2000	188	330 E	237 *	579	131	26	0.5	0.5	21
22	0.0	273	139	1660	196	310 E	237	579	137	24	0.5	0.7	22
23	0.0	90	129	830	179	290 E	252	551	128	23	0.5	0.6	23
24	0.0	37	115	1250	163	280 E	266	488	124	21	0.5	0.5	24
25	0.0	14	106	737	163	270 E	273	402	121	21	0.4	0.5	25
26	0.0	9.0	99	1530 *	153	250 E	252	345	121 *	19	0.4	0.5	26
27	0.0	8.1	93	1190	144	230 E	252	376	112	18	0.4	0.4	27
28	0.0	18	87	2140	134	220 E	245	268	105	17	0.3	0.4	28
29	0.0	427	84	4010	210 E	237	220	98	97	17	2.7	0.4	29
30	0.0	301 *	80	2850 *	210 E	232	177	94	16	2.0	0.4	30	
31	0.0		78	2560	270 E	172 *			14		0.8		31
MEAN	0.0	110	399	710	407	233 E	274	435	180	39.3	4.4	0.4	MEAN
MAX.	0.0	805	2490	4010	1390	360 E	451	806	326	87	13	0.7	MAX.
MIN.	0.0	0.0	78	51	134	105 E	158	172	94	14	0.3	0.3	MIN.
AC. FT.	0.0	6571	24510	43660	22600	14310 E	16290	26760	10710	2414	270	244	AC.FT.

WATER YEAR SUMMARY

E - ESTIMATED
 HR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 # - E AHD *

MEAN DISCHARGE	DISCHARGE	MAXIMUM	MINIMUM
232	5400	GAGE HT. 7.50 MO. 1 DAY 29 TIME 1200	DISCHARGE GAGE HT. 0.0 MO. 10 DAY 1 TIME

TOTAL ACRE FEET
168100

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
40 18 52	122 26 54	NB5 28N 5W	13400	13.6	12/22/64	APR 58-DATE	APR 58-DATE	1958		0.00	LOCAL
Station located at Bowman Road bridge, 11 mi. SW of Cottonwood. Tributary to Sacramento River via Cottonwood Creek. Drainage area is 218 sq. mi.											

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967	A47300	SOUTHERN FORK BATTLE CREEK NEAR MINERAL	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	5.5	7.0	181	26 E	178	NR	70	52	247	122	32	14	1
2	5.5	7.4	216 *	25 E	138	NR	68	60	216	119	31	14	2
3	5.5	7.8	141	24 E	112	NR	70	73	201	107	29	14	3
4	5.5	7.8	87	24 E	96	NR	64	81	220	100	29	14	4
5	5.1	7.8	212	23 E	87	NR	61	83	227	96	29	14	5
6	5.1	16	105	22 E	81	NR	56	105	212	89	28	13	6
7	5.1	12	70	22 E	75 *	49	64	165	224	85	27	13 *	7
8	5.1	10	53	22 E	72	53	70	235	227	81	26 *	13	8
9	5.1	9.2	49	21 E	72	56	70	281	251	75	25	12	9
10	5.5	8.7	47	20 E	73	45	63	235	247	73 *	24	12	10
11	5.5 *	10	46	20 #	73	155	56	159	259	70	23	14	11
12	5.8	28	50	20 E	81	322	61	144	285 *	68	22	13	12
13	6.2	20	72	20 E	85	434 E	66	153	264	63	22	12	13
14	6.6	24 *	73	20 E	77	318 E	63	191	243	56	21	12	14
15	7.0	77	56	20 E	70	174 E	58	259	243	55	18	12	15
16	7.0	127	49 *	20 E	66	337 E	55	342	255	56	18	11	16
17	7.0	28	43	20 E	64	272	47	400	259	53	18	12	17
18	7.0	18	40	21 E	63	184	64	428	251	52	17	13	18
19	7.0	110	37	20 E	60	133	53	440	255	49	17	12	19
20	7.4	290	37	16 E	NR	119	50	452	239	46	17	11	20
21	7.4	72	35 E	83 E	NR	135	49	489	227	46	17	12	21
22	7.8	47	34 E	144 E	NR	135	47	508	205	45	16	12	22
23	7.8	34	35 E	112 E	NR	205	46	534	188	42	16	12	23
24	7.4	26	34 E	87 E	NR	133	47	514	184	38	16	12	24
25	7.0	24	32 E	66 E	NR	110	50	452	181	40	16	12	25
26	7.0	22	32 E	50	NR	100	45	400	168	38	18	11	26
27	7.0	19	31 E	64	NR	100	45 *	378	155	38	16	11	27
28	7.0	105	30 E	227	NR	91 *	42 E	357	153	37	16	11	28
29	7.0	224	29 E	561	NR	89	45 E	347	144	38	16	11	29
30	6.6	79	27 E	342	NR	73	47 E	304	133	38	19	12	30
31	7.0	26	26 E	251	NR	77	272	272	36	36	14	31	
MEAN	6.4	49.3	64.8 E	77.8 E	NR	NR	56.4	287	219	62.9	21.1	12.4	MEAN
MAX.	7.8	290	216	561	NR	NR	70	534	285	122	32	14	MAX.
MIN.	5.1	7.0	26	20 E	NR	NR	42 E	52	133	36	14	11	MIN.
AC. FT.	304	2931	3085 E	4756 E	NR	3356	17640	13020	3370	1295	736	736	AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM DISCHARGE	MINIMUM DISCHARGE	TOTAL ACRE FEET
NR	854 E	6.06	NR

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
40 21 10	121 39 50	NW28 29N 3E	2050 E	7.33	12/22/64	OCT 59-DATE	SEP 59-DATE	1959		0.00	LOCAL

Station located at old State Highway 36 bridge, 3.7 mi. W of Mineral. Tributary to Sacramento River via Battle Creek. Stage-discharge relationship affected by ice at times. Drainage area is 33.0 sq. mi. Station discontinued Oct. 1, 1967.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
	1967	A03460	RED BANK CREEK NEAR RED BLUFF

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.0	47	8.4	544	17	59	65 *	12	1.5	0.0	0.0	1
2	0.0	0.0	702	7.8	363	17	63	60	142	1.1	0.0	0.0	2
3	0.0	0.0	222 *	7.8	268	15	49	55	60	0.8	0.0	0.0	2
4	0.0	0.0	1060	7.8	213	15	41 *	53	31	0.5	0.0	0.0	4
5	0.0	0.0	811	7.2	161	13	36	50	28 *	0.4	0.0	0.0	5
6	0.0	0.0	157 *	6.2 *	124	12 *	179 E	45	28	0.1 *	0.0	0.0	6
7	0.0	0.0	81	5.9	105	12	414 E	42	24	0.0	0.0	0.0	7
8	0.0	0.0	55	5.9	79	12	161	41	20	0.0	0.0	0.0	8
9	0.0	0.0	39	5.9	67	12	120	41 *	18	0.0	0.0	0.0	9
10	0.0	0.0	57	5.9	57	13	161	39	16	0.0	0.0	0.0	10
11	0.0	0.0	47	5.5	53	24	398	36	14	0.0	0.0	0.0	11
12	0.0	0.0	39 *	5.5	48	25	170 *	34	14	0.0	0.0	0.0	12
13	0.0	0.0	49	5.2	44	35	128	29	14	0.0	0.0	0.0	13
14	0.0	0.0	55	4.9	38	23	107	26	12	0.0	0.0	0.0	14
15	0.0	0.0	39	4.9	35	22	92	24	10	0.0	0.0	0.0	15
16	0.0	0.0	32	4.6	33	321	84	22	8.3 *	0.0	0.0	0.0	16
17	0.0	0.0	28	4.6	33	150	128	20	7.2	0.0	0.0	0.0	17
18	0.0	0.0	22	4.6	32	94	97	20	6.7	0.0	0.0	0.0	18
19	0.0	69	20	4.6	27	73	148	18	6.7	0.0	0.0	0.0	19
20	0.0	387	18	136	25 *	59	128	16	6.2	0.0	0.0	0.0	20
21	0.0	125	16	779	24	57	97 *	14	5.8	0.0	0.0	0.0	21
22	0.0	43	14	123	24	51	151	14	4.5	0.0	0.0	0.0	22
23	0.0	17	12	53	24	47	216	12	4.1	0.0	0.0	0.0	23
24	0.0	11	12	1110 *	23	43	148	10	3.7	0.0	0.0	0.0	24
25	0.0	8.4	12	186	23	38	136	9.5 *	3.4	0.0	0.0	0.0	25
26	0.0	7.1	12	1672	20	36	122	9.5	3.1	0.0	0.0	0.0	26
27	0.0	6.3	10	782	19	32	107	8.9	2.8 *	0.0	0.0	0.0	27
28	0.0	27	9.8	959	17	30	102	8.9	2.5	0.0	0.0	0.0	28
29	0.0	65	9.8	1180		26	84	8.9	1.9	0.0	0.0	0.0	29
30	0.0	26 *	9.1	1350		101	73	7.8	1.9	0.0	0.0	0.0	30
31	0.0	8.4	1400			81	7.8 *	0.0	0.0	0.0	0.0	0.0	31
MEAN	0.0	26.4	120	317	90.1	48.6	133	27.3	17.1	0.1	0.0	0.0	MEAN
MAX.	0.0	387	1060	1670	544	5700	321	414 E	142	1.5	0.0	0.0	MAX
MIN.	0.0	0.0	8.4	4.6	17	12	36	7.8	1.9	0.0	0.0	0.0	MIN
AC. FT.	0.0	1571	7349	19520	5004	2987	7932	1681	1015	9.0	0.0	0.0	AC. FT.

WATER YEAR SUMMARY

E - ESTIMATED
NR - NO RECORD
* - DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY
- END *

MEAN DISCHARGE	MAXIMUM DISCHARGE	MINIMUM DISCHARGE
65.0	5700	0.0

TOTAL ACRE FEET
47070

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LDNGITUDE	1/4 SEC. T. & R. M.D.B & M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
40 05 23	122 24 45	SE22 26N 5W	9729	10.06	1/5/65	FEB 48-JUL 49 MAY 50-MAY 56 NOV 56-DATE	FEB 48-JUL 49 MAY 50-MAY 56 NOV 56-DATE	1956		0.00	LOCAL

Station located at Red Bank Road bridge, 11 mi. SW of Red Bluff.

8 - Irrigation season only.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

		WATER YEAR	STATION NO.	STATION NAME
		1967	A02700	SACRAMENTO RIVER AT VINA BRIDGE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7490	7890	21000	10200	83600	11100	18700	22600	18900	14700	13100	12400	1
2	7630	7890	35400	10200	62900	10600	14500	20900	20000	14800	13200	12400	2
3	7650	7960	61400	10000	56800	10400	12600	20400	20000	14900	13100	12400	3
4	7630	8060	31500	9250	53900	9970	11900	20300	18700	14600	13100	12500	4
5	7630	8010	56900	8320	52200	9700	11300	19300	18500	14400	13100	12400	5
6	7680	8410	51300	7380	50400	9580	15400	18800	18600	14400	13100	12400	6
7	7680	8940	54000	7040	45400	8980	22400	18400	18300	14200	13100	12400	7
8	7680	8530	56700	7000	35500	8580	21600	18800	17300	13900	13000	12100	8
9	7700	8480	58000 *	6970	27300	8430	20300	19700	17300	13800	13100	11900	9
10	7700	8480	56100	6740	23200	7840	19800	22200	17200	13800	13000	11900	10
11	7650	8433	38100	6310	21400	12000	22000	22500	17000	13700	13100	11900	11
12	7700	8608	24600	6070	20800	13100	21000	21300	17000	13600	13000	11900	12
13	7700	8913	23300	5770	20600	13200	19700 *	22500	17000	13600	12900	11800	13
14	7700	8760	27300	5730	20000	15900	22500	22000	16500	13600	12900	11600	14
15	7700	9200	23200	5770	18500	11400	22000	22100	16300	13500	12900	11400	15
16	7680	12900	21200	5730	17400	22900	21200	22800	16200	13600	12900	11400	16
17	7750	10800 *	20400	5700 *	16700	22500	21600	24000	16100	13600	12900	11500	17
18	7700	9220	19500	5620	15700	17600	30100	25500 *	16100	13500	12800	11500	18
19	7650	9700	19200	5620	15100	15300	30400	24100	16100 *	13600	12800	11200	19
20	7700	32900	18800	7280	14800	13700	29700	25800	16000	13500	12800	10800 *	20
21	7720 *	19500	18600	62700	14000 *	14400	27300	26800	15900	13400 *	12900 *	10800	21
22	7770	19100	18400	63800	12600	13500 *	25800	27500	15600	13400	12800	10800	22
23	7700	14500	18100	19400	11700	13100	24500	27500	15500	13400	12800	10900	23
24	7840	15200	17600	28600	11600	13500	31200	27600	15400	13400	12900	10900	24
25	7770	15600	16500	26200	12000	12200	30700	27000	15300	13300	12900	10900	25
26	7700	15200	16200	30300	11900	11500	29700	25600	15200	13300	12800	10800	26
27	7720	15000	16100	38800	11500	10900	30900	23900	15100	13300	13000	10700	27
28	7750	16200	15200 *	43600	11200	10400	28100	22400	15000	13200	12900	10400	28
29	7770	29100	13800	79900		10400	24900	21600	15000	13200	12700	10300	29
30	7770	20800	12500	81100		10100	23400	20500	14900	13300	12400	10200	30
31	7820	11200	115000		13200		19800		13300	12400			31
MEAN		7701	12740	28780	23620	27450	12450	22840	22680	16730	13740	12920	11480
MAX.		7840	32900	61400	115000	83600	22900	31200	27600	20000	14900	13200	12500
MIN.		7490	7890	11200	5620	11200	7840	11300	18400	14900	13200	12400	10200
AC. FT.		473500	758300	1769000	1452000	1525000	765400	1359000	1395000	995700	844600	754200	683300

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM DISCHARGE	GAGE HT.	MO.	DAY	TIME	MINIMUM DISCHARGE	GAGE HT.	MO.	DAY	TIME	TOTAL ACRE FEET
17710	132600	85.88	1	31	2045	5220	66.28	1	19		12820000

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 54 34	122 05 31	NE28 24N 2W	147000	89.42	2/25/58	APR 45-DATE	APR 45-DATE	1945	1945	100.00	USED USCGS
			163000 E	90.97	12/23/64					97.15	

Station located 250 ft. above Vina-Corning Highway bridge, 2.6 mi. SW of Vina. The maximum discharges of record are for the main river channel and do not include water by-passing the station on the left bank.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A02630	SACRAMENTO RIVER AT HAMILTON CITY

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7000	7500	18900	10700	87700	11300	16800	21800	17100	12400	10900	10800	1
2	7180	7580	26300	10400	61100	10700	15300	20400	17800	12400	10900	10900	2
3	7210	7610	60700	10300	54100	10600	12700	19400	18400	12600	10900	11000	3
4	7260	7730	29000 E	9720	50600	10300	11800	19200	17300	12400	10900	11100	4
5	7180	7730	51600 E	8830	48600	9890	11100	18400	17000	12100	10900	11000	5
6	7260	7990	48000	7930	47000	9780	13500	17600	17100	12000	11000	11100	6
7	7380	8740	48800	7350	43200	9280	20500	17300	16900	11900	11100	11000	7
8	7410	8340	51600	7260	35000	8710	20300	17400	16000	11400	11000	10900	8
9	7380	8310	53400	7180	26700	8710	19500	17900	15700	11400	11000	10700	9
10	7380	8250	52500	7030	22800	8050	19000	19400	15700	11400	10900	10700	10
11	7350	8220	40000	6490	21000	10700	20400	20400	15400	11300	11000	10900	11
12	7410	8280	23600	6340	20200	13200	20400 *	19200	15300	11200	11000	10900	12
13	7410	8660	22000	6100	20000	13500	18800	19800	15200	11100	11000	10900	13
14	7440	8660	24900	6050	19300	12900	21100	19700	14900	11100	11200	10800	14
15	7380	9120	22300	6000	18300	11900	21200	19600	14600	11100	11000	10600	15
16	7350	12100	20400	5980 *	17600	18900	20500	20200	14400	11100	10900	10700	16
17	7410	11800	19600	5960	16900	23800	20100	21100	14300	11200	11000	10800	17
18	7350	9650	19000	5940	16000	17900	26700	21600	14100	11000	11000	10900	18
19	7320	9400	18600	5920	15300	15900	27400	21400 *	14100	11000	11000	10800	19
20	7320 *	28100	18300	6240	15000	13900	27800	22500	14000 *	11000	11000	10400 *	20
21	7410	21600	18100	42800	14300	14500	25500	23400	13800	10900 *	11100	10400	21
22	7520	18400	17800	67800	13200	13600 *	24200	24200	13600	11000	11100 *	10400	22
23	7410	15000	17800	21100	12000 *	13000	23800	24200	13300	11000	11000	10500	23
24	7500	14700	17500	24900	11800	13600	23100	24300	13200	11000	11200	10500	24
25	7410	15300	16400	28300	12000	12400	28100	23900	13100	11000	11300	10600	25
26	7290	15000	16200	23800	12100	11700	27900	22900	13000	10900	11400	10500	26
27	7410	14800	16000 *	39000	11700	11100	27300	21600	12800	10900	11500	10500	27
28	7380	15100	15400	37600	11400	10700	27200	20200	12700	10900	11400	10100	28
29	7470	25300	14300	65200		10500	23800	19400	12700	11000	11200	10100	29
30	7470	21000	12700	76100		10300	22500	18400	12600	11100	10800	10100	30
31	7470		11900	92000		12200		17800		11000	10800		31
MEAN	7359	12330	27210	21500	26960	12370	21530	20470	14370	11350	11060	10690	MEAN
MAX.	7520	28100	60700	92000	87700	23800	28100	24300	18100	12600	11500	11100	MAX.
MIN.	7000	7500	11900	5920	11400	8050	11100	17300	12600	10900	10800	10100	MIN.
AC. FT.	452500	733800	1673000	1322000	1497000	7607000	1281000	1259000	884800	698000	679900	635900	AC.FT.

WATER YEAR SUMMARY

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 # - E AND *

MEAN DISCHARGE	DISCHARGE	MAXIMUM GAGE HT.	MINIMUM GAGE HT.
16410	102000	44.61	27.79
		MO. DAY TIME	MO. DAY TIME
		2 1 0230	1 19 1515

TOTAL ACRE FEET
11880000

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 45 07	121 59 43	NE20 22N 1W	350000 E 151000 E	22.6 49.64	2/28/40 12/23/64	APR 45-DATE		27-DATE	1927 1945 1945	1945 127.9 100.0 96.5	USED USED USCGS

Station located at Gianella Bridge, State Highway 32, 1.0 mi. NE of Hamilton City.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967	A04242	MUD CREEK NEAR CHICO	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.0	182	3.7	555	14	101	69	13	0.0	0.0	0.0	1
2	0.0	0.0	929	3.5	241	13	66	58	12	0.0	0.0	0.0	2
3	0.0	0.0	326	3.3	165	13	60	51	10	0.0	0.0	0.0	3
4	0.0	0.0	698	3.5	118	12	52	47	8.2	0.0	0.0	0.0	4
5	0.0	0.0	1010	3.3	87	10	87	42	8.2	0.0	0.0	0.0	5
6	0.0	0.0	296 *	2.9	70	9.3	768	38	8.2	0.0	0.0	0.0	6
7	0.0	0.0	88	2.7	60	9.3	353 *	35	7.6	0.0	0.0	0.0	7
8	0.0	0.0	50	2.7	48	8.8	168	33	6.6	0.0	0.0	0.0	8
9	0.0	0.0	33	2.5	42	8.5	118	34	6.3	0.0	0.0	0.0	9
10	0.0	0.0	51	2.5	37	8.8	120	37	6.0	0.0	0.0	0.0	10
11	0.0	0.0	33	2.5	34	60	180	34	5.6	0.0	0.0	0.0	11
12	0.0	0.0	24	2.3	30	164	111	37	6.0	0.0	0.0	0.0	12
13	0.0	0.0	29	2.3	28	96	86	30	5.6	0.0	0.0	0.0	13
14	0.0	0.0	31	2.1	26	61	73	27	4.8	0.0	0.0	0.0	14
15	0.0	3.1	20	2.0	24 *	52 *	62	25	4.5	0.0	0.0	0.0	15
16	0.0	33 *	16	2.0 *	22	437	51	24	3.9	0.0	0.0	0.0	16
17	0.0	8.2	13	2.0	21	162	144	22	3.4	0.0	0.0	0.0	17
18	0.0	3.9	11	2.0	20	110	152	20 *	3.4	0.0	0.0	0.0	18
19	0.0	629	9.9	2.0	19	99	332	20	3.2 *	0.0	0.0	0.0	19
20	0.0	633	8.8	525	18	93	213	18	3.0	0.0	0.0	0.0	20
21	0.0	75 *	8.2	2330	16	81	192	17	2.8	0.0	0.0	0.0	21
22	0.0	53	7.1	1140 *	15	60	160	16	2.4	0.0	0.0	0.0	22
23	0.0	26	7.8	152	15	57	166	14	2.2	0.0	0.0	0.0	23
24	0.0	17	8.2	462	16	48	202	13	2.4	0.0	0.0	0.0	24
25	0.0	12	6.5	215	28	39	128	13	1.8	0.0	0.0	0.0	25
26	0.0	10	6.0	183	19	36	114	12	1.4	0.0	0.0	0.0	26
27	0.0	8.8	5.2	403	16	33	229	11	1.2	0.0	0.0	0.0	27
28	0.0	184	4.6	774	14	34	136 *	11	1.4	0.0	0.0	0.0	28
29	0.0	385	4.6	1460 *		33	108	11	0.6	0.0	0.0	0.0	29
30	0.0	63	4.3	1290		87	86	10	0.0	0.0	0.0	0.0	30
31	0.0		3.9			202		10	0.0	0.0	0.0	0.0	31
MEAN		71.5	127	334	64.4	69.4	161	27.1	4.9	0.0	0.0	0.0	MEAN
MAX.		633	1010	2330	555	437	768	69	13	0.0	0.0	0.0	MAX
MIN.		0.0	3.9	2.0	14	8.5	51	10	0.0	0.0	0.0	0.0	MIN
AC. FT.		4250	7790	20560	3578	4266	9560	1660	289	0.0	0.0	0.0	AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM DISCHARGE	MINIMUM DISCHARGE			
71.8	3800	9.65	1	21	2200

TOTAL ACRE FEET
51950

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.O.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO OH GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 47 01	121 53 01	SE5 22N 1E				NOV 64-DATE	NOV 64-DATE	1964		0.00	LOCAL
Station located 0.1 mi. above Old Highway 99E Bridge, 4.9 mi. N of Chico. Tributary to Sacramento River via Big Chico Creek.											

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1967	A00928	MUD CREEK DIVERSION AT CHICO

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3
4	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18
19	0.0	40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19
20	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20
21	0.0	0.0	0.0	238	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21
22	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28
29	0.0	0.0	0.0	13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29
30	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31
MEAN	0.0	1.4	0.1	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MEAN
MAX.	0.0	40	2.0	238	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MAX.
MIN.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MIN.
AC. FT.	0.0	81.5	4.0	510	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM				MINIMUM				TOTAL ACRE FEET		
0.8	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME	595

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 # - E AND *

LOCATION			MAXIMUM DISCHARGE				PERIOD OF RECORD				DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM		
			CFS	GAGE HT.	DATE			FROM	TO				
39 45 07	121 48 01	SW18 22N 2E				NOV 64-DATE	NOV 64-DATE	1964		0.00	LOCAL		

Station located 0.4 mi. above Wildwood Avenue Bridge, 4.0 mi. NE of Chico. This is flow diverted from Lindo Channel, during periods of high water.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967	A04250		BIG CHICO CREEK AT CHICO

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.3	4.9	132	37	365	50	124	135	66	22	11	8.2	1
2	1.9	5.2	252	36	258	49	118	129	62	22	11	5.3	2
3	2.1	5.2	239	36	201	48	117	124	58	20	11	7.5	3
4	1.9	5.6	219	34	164	47	120	124	55	19	12	8.2	4
5	1.7	6.0	561	34	140	45	133	124	56	19	12	10	5
6	1.9	12	217	33	125	44	243	122	52	19	8.6	8.2	6
7	2.1	30	163	32	112	43	258	120	50	20	8.6	7.9	7
8	1.9	14	137	32	102	42	212	127	44	18	7.1	7.5	8
9	1.7	10	122	33	94	42	186	135	47	18	8.2	8.2	9
10	1.7	9.8	116	33	88	43	179 *	146	44	18	9.1	8.6	10
11	1.7	10	102	33	82	144	186	138	41	18	12	8.6	11
12	2.3	22	92	32	76	148	168	133	41	18	9.1	8.6	12
13	2.3	22	90	32	74	133	157	120	42	17	11	7.9	13
14	8.7	17	102	31	72	113 *	153	112	39	19	10	7.5	14
15	5.6	38	83	31	70	107	148	108	36	14	11	7.5	15
16	5.2	122	76	31 *	67	387	138	110 *	35	16	9.1	7.9	16
17	4.9	55 *	72	30	64	337	153	112	33	16	8.6	9.1	17
18	4.9 *	34	66	31	62	247	177	110	32	16	9.7	10	18
19	4.9	60	60	30	60	212	181	103	30	16 *	5.7	10	19
20	4.9	152	57	85	58 *	192	179	102	32 *	17	11	8.2	20
21	5.2	119	55	648	55	181	170	97	26	16	8.6	7.9	21
22	5.6	146	54	271	52	168	157	94	28	12	8.6	8.2	22
23	5.6	104	52	176	51	183	148	92	27	14	8.6	9.1	23
24	5.2	74	49	223 *	51	181	155	86	26	14	9.1	9.1	24
25	4.9	59	47	191	66	164	157	82	26	14	9.1	8.6	25
26	5.2	49	46	176	58	146	161	75	24	13	7.5	8.2	26
27	5.6	43	43	186	55	133	190	68	23	13	10	7.1	27
28	6.0	52	41	271	52	125	186	67	23	15	8.2	7.1	28
29	5.6	146	43	613	118	170	164	23	10	10	8.6 *	7.5	29
30	5.2	122	41	450	120	150	62	22	12	12	8.6	8.6	30
31	4.9	38	38	608	129			60	11	11	8.2		31
MEAN	4.0	51.6	112	146	99.1	133	166	106	38.1	16.3	9.4	8.2	MEAN
MAX.	8.7	152	561	648	365	387	258	146	66	22	12	10	MAX.
MIN.	1.3	4.9	38	30	51	42	117	60	22	10	7.1	5.3	MIN.
AC. FT.	243	3072	6877	8963	5502	8174	9866	6508	2267	1004	577	489	AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM				MINIMUM	TOTAL ACRE FEET					
74.1	DISCHARGE	GAGE HT.	MO.	DAY	DISCHARGE	GAGE HT.	MO.	DAY	TIME	ACRE FEET	
	1020	8.46	12	5	0415	.01	3.35	9	2	0230	53540

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 43 38	121 51 43	SE28 22N 1E				JAN 56-DATE	JAN 56-DATE	1956		167.88	USED

Station located 50 ft. above Rose Avenue Highway Bridge, immediately W of Chico. Tributary to Sacramento River.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1967	A00600	LINDO CHANNEL NEAR CHICO

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.0	221	0.0	1370	22	131	176	41	0.0	0.0	0.0	1
2	0.0	0.0	805	0.0	731	21	119	158	35	0.0	0.0	0.0	2
3	0.0	0.0	1000	0.0	465	19	118	150	28	0.0	0.0	0.0	3
4	0.0	0.0	636	0.0	385	17	123	143	24	0.0	0.0	0.0	4
5	0.0	0.0	1710	0.0	283	16	155	144	21	0.0	0.0	0.0	5
6	0.0	0.0	651	0.0	187	14	532	140	21	0.0	0.0	0.0	6
7	0.0	0.0	334	0.0	155	14	610	143	18	0.0	0.0	0.0	7
8	0.0	0.0	215	0.0	127	12	395	164	17	0.0	0.0	0.0	8
9	0.0	0.0	152	0.0	107	11	305	191	15	0.0	0.0	0.0	9
10	0.0	0.0	135	0.0	92	11	284	220	14	0.0	0.0	0.0	10
11	0.0	0.0	111	0.0	79	259	302	200	11	0.0	0.0	0.0	11
12	0.0	0.0	93	0.0	69	252	250	186	11	0.0	0.0	0.0	12
13	0.0	0.0	85	0.0	64	199	222	154	11	0.0	0.0	0.0	13
14	0.0	0.0	76	0.0	59	148 *	212	131	94	0.0	0.0	0.0	14
15	0.0	0.0	72	0.0	53	125	199	123	75	0.0	0.0	0.0	15
16	0.0	86	63	0.0	47	1400 *	176	128	6.6	0.0	0.0	0.0	16
17	0.0	12 *	54	0.0	43	1260	210	134	5.6	0.0	0.0	0.0	17
18	0.0	0.0	47	0.0	39	634	284	131 *	4.5	0.0	0.0	0.0	18
19	0.0	28	40	0.0	34	440	289	124	3.0 *	0.0	0.0	0.0	19
20	0.0	637	36	74	30 *	355	291	114	2.6	0.0	0.0	0.0	20
21	0.0	312 *	31	2400	28	218	259	102	2.2	0.0	0.0	0.0	21
22	0.0	273	25	1410	25	274	224	93	2.2	0.0	0.0	0.0	22
23	0.0	112	24	775 *	24	323	202	84	0.5	0.0	0.0	0.0	23
24	0.0	56	20	473 *	25	322	217	74	0.1	0.0	0.0	0.0	24
25	0.0	29	13	318	44	260	219	65	0.0	0.0	0.0	0.0	25
26	0.0	12	7.8	241	32	210	235	57	0.0	0.0	0.0	0.0	26
27	0.0	1.4	3.7 E	274	26	160	320	49	0.0	0.0	0.0	0.0	27
28	0.0	9.0	2.0 E	752	23	143	311	43	0.0	0.0	0.0	0.0	28
29	0.0	283	0.6 E	2130		125	264	38	0.0	0.0	0.0	0.0	29
30	0.0	174	0.0	1620		130	210	34	0.0	0.0	0.0	0.0	30
31	0.0		0.0	2170		144		31					31
MEAN	0.0	67.5	215	408	162	246	255	120	10.4	0.0	0.0	0.0	MEAN
MAX.	0.0	637	1710	2400	1370	1400	610	220	41	0.0	0.0	0.0	MAX.
MIN.	0.0	0.0	0.0	0.0	23	11	118	31	0.0	0.0	0.0	0.0	MIN.
AC. FT.	0.0	4020	13220	25070	9020	15150	15190	7390	617	0.0	0.0	0.0	AC. FT.

WATER YEAR SUMMARY

E - ESTIMATED
NR - NO RECORD
* - DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY
- E AND *

MEAN DISCHARGE	MAXIMUM				MINIMUM			
124	DISCHARGE	GAGE HT.	MD. DAY	TIME	DISCHARGE	GAGE HT.	MD. DAY	TIME
124	2540	18.00	1	29	0145	0.0		

TOTAL
ACRE FEET
89680

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD	ZERO ON GAGE	REF. DATUM
			CFS	GAGE NT.	DATE					
39 43 21	121 54 41	NW31 22N 1E	2990	18.55	1/5/65	JAN 56-DATE	JAN 56-DATE	1956	128.42	USED
Station located 100 ft. below Grape Way bridge, 4.0 mi. W of Chico. Tributary to Sacramento River via Big Chico Creek.										

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
	1967	A31395	GRINDSTONE CREEK NEAR ELK CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.0	1.0	181	55	827	111	193	268	170	38	10 E	3.4	1
2	1.0	1.0	583	52	583	102	176	282	645	36	9.8 E	3.4	2
3	1.0	1.0	467	46	449	102	198	311	415	33	9.1 E	3.4	3
4	1.0	0.7	744	46	398	94	204	357	242	31	8.5 #	2.0	4
5	1.5	0.7	1630 *	46	357	86	198	389	262	33	8.4 E	2.0	5
6	1.5	1.5	458	43	341	79	255	373	297	40 #	8.3 E	2.6	6
7	1.5	7.0	275	41	319	75	415	458	235 *	38 E	8.2 E	2.6	7
8	1.5	11	210	41	289	72	326	562	210	37 E	8.0 E	2.6	8
9	1.5	7.0	165	41	268	72	326	572	193	35 E	7.9 E	2.6	9
10	1.0	5.0	304	41	248	94	334	486	181	34 E	7.8 E	2.0	10
11	1.0	3.4	255	43 *	229	139	341	389	176	32 E	7.7 E	2.0	11
12	1.0	7.0	268	49	229	125	297	334	204	31 E	7.6 E	2.0	12
13	1.5	28	304	55	229	107 *	275	304	204	29 E	7.5 E	1.5	13
14	1.5	22 *	275	58	204	90	268	304	159	27 E	7.3 E	1.5	14
15	1.5	90	216	65	193	94	255	349	139	26 E	7.2 E	1.5	15
16	1.5	165	181	68	181	677	229	415	129	24 E	7.1 E	1.5	16
17	1.0 *	82	165	75	176	495	242	441	115	23 E	7.0	2.0	17
18	1.0	41	144	79	176	415	235	432	115	21 E	7.0	2.6	18
19	1.0	55	129	82	170	373	341	381	115	20 E	6.0	2.6 *	19
20	0.7	486	125	603	159	389	275	357	102 *	18 #	5.0	2.6	20
21	0.7	319 *	115	3880	149	423	357	357	86	17 E	5.0	2.6	21
22	0.7	187	107	1100 *	139	390	326	326	72	17 E	4.2	4.2	22
23	0.7	90	102	583	139	432	373	311	61	16 E	4.2	4.2	23
24	0.7	52	94	572	134	381	381	268	58	15 E	4.2	5.0	24
25	0.7	41	90	304	134	334	398	235 #	55	15 E	3.4	5.0	25
26	0.7	33	82	1110 *	125	304	365	204	52	14 E	4.2	6.0	26
27	0.7	31	75	1170	115	268	341 *	187	52	14 E	7.0	5.0	27
28	0.7	90	68	1840	115 *	242	319	170	49	13 E	5.0	5.0	28
29	1.0	19	68	4200	223	289	154	158	12	12 E	3.4 *	7.0	29
30	1.0	125	65	2060	223	275	139	136	12	12 E	3.4	5.0	30
31	1.0	61	61	1410	216	129	129	111	11 E	3.4 *	3.4 *	31	
MEAN	1.1	72.7	258	641	253	233	294	330	162	24.6	6.5 E	3.2	MEAN
MAX.	1.5	486	1630	4200	827	677	415	572	645	40 E	10 E	7.0	MAX.
MIN.	0.7	0.7	61	41	115	72	176	129	36	11 E	3.4 E	1.5	MIN.
AC. FT.	65.1	4327	15870	39400	14030	14350	17470	20320	9654	1511 E	402 E	189	AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	DISCHARGE	MAXIMUM GAGE HT.	MINIMUM GAGE HT.	TOTAL ACRE FEET
190	5560 E	12.74	10 15 1800	137600

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T & R M.D.B & M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 41	122 32	SW15 21N 6W				NOV 35-SEP 37 AUG 52-OCT 55 OCT 59-DATE	NOV 35-SEP 37 AUG 52-MAR 57 AUG 59-DATE				

Station located above Chrome Road bridge, 5.1 mi. N of Elk Creek. Tributary to Sacramento River via Stony Creek.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A31302	BRISCOE CREEK NEAR ELK CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.0	20	8.4	230	18 E	30	59	27 E	15 E	1.2 E	0.2 E	1
2	0.0	0.0	356	8.0	155	18 E	28	57	214	13 E	1.0 E	0.2 E	2
3	0.0	0.0	110	7.6	118	19 E	29	63	125	11 E	0.8 E	0.2 E	3
4	0.0	0.0	342	7.6	93	19 E	29	66	66	9.0 E	0.7 #	0.2 E	4
5	0.0	0.0	429 *	7.6	76	19 E	27	68	98	7.0 E	0.7 E	0.2 E	5
6	0.0	0.0	101	7.2	65	20 E	28	65	79	6.7 #	0.7 E	0.2 E	6
7	0.0	0.0	55	7.2	57	20 E	27	68	67 *	6.4 E	0.6 E	0.2 E	7
8	0.0	0.0	37	6.8	51	20 E	48	74	57	6.2 E	0.6 E	0.2 E	8
9	0.0	0.0	31	6.4	45	21 E	66	70	49	5.9 E	0.6 E	0.2 E	9
10	0.0	0.0	44	6.4	42	21 E	94	60	42	5.6 E	0.6 E	0.2 E	10
11	0.0	0.0	32	6.8 *	40	22	80	50	38	5.4 E	0.6 E	0.2 E	11
12	0.0	0.0	33	6.8	37	26	60	46	41	5.1 E	0.5 E	0.2 E	12
13	0.0	0.0	34	6.4	35	24 *	54	40	33	4.8 E	0.5 E	0.2 E	13
14	0.0	0.0	33	6.4	33	20	49	37	27	4.6 E	0.5 E	0.2 E	14
15	0.0	1.0 E	27	6.1	31	37	47	40	28	4.3 E	0.5 E	0.2 E	15
16	0.0	14	24	5.5	29	211	44	42	24	4.1 E	0.5 E	0.2 E	16
17	0.0	5.8	20	4.9	28	68	48	42	22	3.8 E	0.4 E	0.2 E	17
18	0.0	3.2 E	18	4.6	26	57	45	39	20	3.5 E	0.4 E	0.2 E	18
19	0.0	23	17	4.3	25	47	48	35	19	3.3 E	0.4 E	0.2 E	19
20	0.0	79	15	276	23	52	45	32	19 *	3.0 #	0.4 E	0.2 E	20
21	0.0	36 *	14	1110	22	52	168	30	18 E	2.8 E	0.4 E	0.2 E	21
22	0.0	28	13	262 *	21	47	122	27	18 E	2.7 E	0.3 E	0.2 E	22
23	0.0	12	12	131	22	47	177	25	18 E	2.5 E	0.3 E	0.2 E	23
24	0.0	8.4	12	520	22	42	158	24	18 E	2.4 E	0.3 E	0.2 E	24
25	0.0	6.4	11	195	22	38	127	23 #	18 E	2.2 E	0.3 E	0.2 E	25
26	0.0	5.5	10	636	20	35	104	23 E	18 E	2.1 E	0.3 E	0.2 E	26
27	0.0	5.2	10	390	19 E	33	93 *	23 E	18 E	1.9 E	0.2 E	0.2 E	27
28	0.0	39	9.7	562	18 #	32	80	23 E	19 E	1.8 E	0.2 E	0.2 E	28
29	0.0	50	9.7	978	29	72	23 E	18 E	18 E	1.6 E	0.2 #	0.2 E	29
30	0.0	21	8.8	587	36	63	23 E	17 E	1.5 E	0.2 E	0.2 E	0.2 E	30
31	0.0	8.4	460	32			23 E	13 E					31
MEAN	0.0	11.2	61.2	201	50.2	38.1	71.7	42.6	42.5	4.9 E	0.5 E	0.2 E	MEAN
MAX.	0.0	79	429	1110	230	211	177	74	214	15 E	1.2 E	0.2 E	MAX
MIN.	0.0	0.0	8.4	4.3	18 E	18 E	27	23 E	17 E	1.3 E	0.2 E	0.2 E	MIN.
AC. FT.	0.0	669	3762	12360	2787	2344	4264	2618	2529	299 E	30 E	12 E	AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	DISCHARGE	MAXIMUM	MINIMUM
43.7	1740	8.30	1 21 0700

TOTAL ACRE FEET
31670

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B & M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE NT.	DATE			FROM	TO		
39 35 24	122 32 12	NE16 20N 6W	2760	10.25	1/4/66	NOV 65-DATE	NOV 65-DATE	1965		0.00	LOCAL

Station located 1.2 mi. S of Elk Creek, 200 ft. downstream from Elk Creek-Stonyford road bridge. Tributary to Sacramento River via Stony Creek. Computation of flow discontinued Oct. 1, 1967.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967	A02570	SACRAMENTO RIVER AT ORD FERRY	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7110	7780	19900	12000	96700 E	12600	16500	24400	17400	12500	10700	10700	1
2	7180	7890	26400	11700	73700 E	12200	16700	21800	17500	12400	10700	10700	2
3	7220	7960	60000	11500	61900	11900	13600	20200	18600	12500	10700	10900	3
4	7360	8070	36700	11100	55600	11500	12600	19800	17400	12500	10700	10900	4
5	7290	8180	49000	10200	52900	11100	12000	19200	16900	12100	10700	10900	5
6	7360	8280	52300	9200	51200	11000	14700	18300	17000	12000	10700	10900	6
7	7540	9160	49500	8250	47500	10500	22300	17800	16800	11900	10800	10900	7
8	7460	8860	51000	8030	40100	10000	22500	17800	16200	11500	10700	10800	8
9	7500	8790	52900	7930	31300	9850	20700	18200	15700	11400	10700	10600	9
10	7540	8730	58800	7780	26000	9300	19900	19300	15700	11400	10700	10600	10
11	7460	8700	45700	7070	23700	11000	21300	21000	15500	11300	10700	10700	11
12	7540	8730	26000	6750 *	22500	14500	21900 *	19700	15300	11200	10800	10800	12
13	7570	9200	23600	6240	22100	15000	19500	20000	15200	11200	10800	10800	13
14	7640	9260	25700	6080	21500	13900	21700	20000	14900	11100	10800	10800	14
15	7640	9660	24000	6000	20300	13200	22200	19800	14600	11000	10800	10500	15
16	7610	12200	21800	5880	19500	19700	21400	20300	14400	11000	10600	10600	16
17	7680 *	13200	20800	5880	18600	27600	20300	21300	14300	11100	10700	10700	17
18	7640	10600	20200	5760	17900	19500	27700	21900	14100	10900	10700	10800	18
19	7610	10300	19700	5720	17200 E	17400	30300	21900	14000	10700	10700	10800	19
20	7570	27900	19400	6490	16900 E	15100	31300	22600	14000	10700	10800	10500	20
21	7680	25600	19200	36700	16200 E	15400	28200	23800	13300 *	10600	10800	10400 *	21
22	7750	19200	18900	74700	15100 E	14800	26900	24800 *	13600	10600	10800 *	10400	22
23	7680	16900	15800	33200	13600 #	14200 *	27500	24900	13400	10700	10800	10500	23
24	7710	15700	18600	31400	13300	14600	30900	25000	13200	10600 *	10900	10500	24
25	7710	16400	17600	40700	13400	13400	31400	24800	13200	10600	11000	10500	25
26	7540	16100	17300	29700	13500	12600	31800	33600	13100	10600	11100	10500	26
27	7680	15800	17100 *	49800	13100	11800	30600	22200	12800	10600	11200	10400	27
28	7640	16000	16700	47600	12800	11600	32600	20700	12700	10600	11100	10200	28
29	7710	25700	15800	68400		11200	27800	19700	12700	10700	11100	10000	29
30	7710	23300	14100	85900		10900	25800	18700	12600	10800	10700	10100	30
31	7780	13300	28540	94600		12500	18200	18200	10300	10300	10700	10100	31
MEAN	7552	13140	60000	24270	30290	13550	23450	21020	14890	11210	10300	10610	MEAN
MAX.	7780	27900	60000	94600	96700	27600	32600	25000	18600	12500	11200	10900	MAX.
MIN.	7110	7780	13300	5720	12300	9300	12000	17800	12600	10600	10600	10000	MIN.
AC. FT.	464400	781800	1755000	1492000	1682000	833000	1395000	1293000	885800	689500	663900	631500	AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM				MINIMUM				TOTAL ACRE FEET
DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME
17360	101000E	65.61	2	1	0730	5600	45.84	1	18

TOTAL ACRE FEET	
12570000	

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM	
			CFS	GAGE HT.	DATE			FROM	TO			
39 37 39	121 59 28	SE32 21N 1W	370000	121.7	2/28/50	JAN 48-DATE		21-MAY 27#	1937	1960	0.00	USED
			126000 E	68.9	12/23/54			FEB 37-MAY 37				
								OCT 37-MAY 39	1960		50.00	
								NOV 39-MAY 41#				
								NOV 41-DATE				

Station located 0.1 mi. below Ord Ferry. Records of flow in excess of 70,000 c.f.s. are not reliable due to an undetermined amount of flow in Butte Basin by-passing the station.

- Flood season only.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1967	A02986	MOULTON WEIR SPILL TO BUTTE BASIN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					13100								1
2					9220								2
3					3070								3
4					714								4
5					19								5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN					514								MEAN
MAX.					9120								MAX.
MIN.					0.0								MIN.
AC. FT.					31580								AC. FT.

WATER YEAR SUMMARY

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 # - E AND *

MEAN DISCHARGE	MAXIMUM					MINIMUM				
	DISCHARGE	GAGE HT	MO	DAY	TIME	DISCHARGE	GAGE HT	MO	DAY	TIME
115	13950	30.77	2	1	1300	0.0				

TOTAL ACRE FEET
H3390

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 20 18	122 01 18	SE12 17N 2W				JAN 40-DATE #	JAN 35-DATE #	1935		0.00	USED
Station located west of south end of weir, 4.6 mi. S of Princeton. Elevation of weir crest is 76.75 ft. USED datum; length of crest is 500 ft.											

- Flood season only.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	AC2450	SACRAMENTO RIVER OPPOSITE MOULTON WEIR

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7290					13000	14900	25600	10000	12000	10600	10600	1
2	7230					12600	17000	23900	17500	11900	10600	10700	2
3	7330					12200	14600	21600	18300	11900	10600	10800	3
4	7410					11900	13200	20300	18100	12100	10500	10400	4
5	7380					11400	12400	20200	17500	11300	10500	10900	5
6	7410					11200	13000	19300	17300	11600	10600	10900	6
7	7490					10900	19600	17400	17200	11500	10600	11000	7
8	7490					10200	22400	17200	16000	11300	10700	10900	8
9	7520	N	N	N	N	9850 *	21600	18200	16000	11100	10600	10800	9
10	7520	O	O	O	O	9460	20500	18600	16000	11100	10500	10700	10
11	7490	T	T	T	T	9720	20600	20600	15700	11100	10600	10800	11
12	7520	C	C	C	C	14000	22000	20200	15500	11000	10600	11000	12
13	7580	O	O	O	O	14700	20400	19600	15300	10900	10700	10900	13
14	7620	M	M	M	M	14000	21000	20100	15100	10900	10700	10900	14
15	7630	P	P	P	P	13800	22300	19700	14700	10900	10700	10800	15
16	7640	T	T	T	T	14700	21900	1900	14400	10800	10500	10800	16
17	7650 *	E	E	E	E	25600	21300	20400	14300	10900	10500	10900	17
18	7710	D	D	D	D	23200	23400	21100	14100	10900	10500	11000	18
19	7680					19400	23500	21400	13900	10700	10500	11100	19
20	7620					16800	30000	21500	13900	10700	10600	10800	20
21	7710					15900	29300	22600	13600	10700	10600	10700	21
22	7740					16000	27500	23500	13500 *	10700	10600	10700	22
23	7780					15100	26900	24000	13200	10700	10600 *	10700	23
24	7740					15200	29000	24200	12900	10700 *	10700	10800	24
25	7780					14500	30900	24300	12800	10700	10800	10800	25
26	7640					13600	30700	23800	12700	10600	10500	10800	26
27	7690					12800	30200	22700	12500	10500	10800	10700	27
28	7690					12100	31900	21400	12300	10600	10800	10600	28
29	7740					11800	29600	20200	12200	10600	10800	10400	29
30	7720					11600	27100	19400	12200	10700	10700	10400	30
31	7760					11900	18400	12700	10700	10600	10600	10400	31
MEAN	7590					13840	23150	21090	14930	11040	10630	10300	MEAN
MAX	7780					25600	31900	25600	18800	12100	10800	11100	MAX.
MIN.	7230					9460	12400	18200	12200	10500	10500	10400	MIN.
AC. FT.	466700					851200	1377000	1297000	388400	678900	653600	642000	AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	DISCHARGE	MAXIMUM GAGE HT.	MO	DAY	TIME	MINIMUM DISCHARGE	GAGE HT	MO	DAY	TIME	TOTAL ACRE FEET
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E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 # - E AND *

LOCATION			MAXIMUM DISCHARGE				PERIOD OF RECORD				DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T & R M D B & M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM		
			CFS	GAGE HT.	DATE			FROM	TO				
39 20 13	122 01 50	SW12 1TN 2W		85.5	2/ 7/42	MAR 54-DATE 8	OCT 22-MAY 40# JUL 40-JUL 41 NOV 41-JUL 43# OCT 43-DATE			0.00	USED		

Station located immediately west of weir, 4.8 mi. S of Princeton. Flow computed for irrigation season only.

- Flood season only.
 \$ - Irrigation season only.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1967	AC2981	COLUSA WEIR SPILL TO BUTTE BASIN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					49000 46200								1
2					33800								2
3			3630		26700								3
4			14900		22300								4
5			6140										5
6			16700		19600								6
7			16300		17800								7
8			15900		13200								8
9			17300		5350								9
10			18500		362								10
11			17800										11
12			6410										12
13			45										13
14													14
15													15
16													16
17													17
18													18
19							103						19
20							100						20
21				12100									21
22				22100									22
23				1730									23
24				5940				516					24
25													25
26				3160			502						26
27				6350			389						27
28				12600			1250						28
29				16800			328						29
30				34600									30
31				43400									31
MEAN			4310	5122	8404		106						MEAN
MAX.			18500	43400	50000		1250						MAX.
MIN.			0.0	0.0	0.0		0.0						MIN.
AC. FT.			265000	314900	466700		6323						AC. FT.

WATER YEAR SUMMARY

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 # - E AND *

MEAN DISCHARGE	MAXIMUM					MINIMUM			
DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME
1504	51560	6703	2	1	2100	0.0			

TOTAL ACRE FEET
1053000

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 14 12	121 59 38	SE17 16N 1W		70.6	3/1/40	JAN 40-DATE #	JAN 35-DATE #	1935		0.00	USED
Station located at north end of weir, 2.0 mi. N of Colusa. Elevation of weir crest is 61.80 ft. USED datum; length of crest is 1,650 ft.											
# - Flood season only.											

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME										
	1967	A04910	LITTLE CHICO CREEK DIVERSION NEAR CHICO										
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN MAX. MIN. AC FT.			0.2 5.1 E 0.0 14 E	5.8 72 E 0.0 355 E									MEAN MAX. MIN. AC FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM				MINIMUM				TOTAL ACRE FEET
0.5	DISCHARGE	430 E	GAGE HT.	4.95	MO	1	DAY	1600	369 E

E - ESTIMATED
NR - NO RECORD
* - DISCHARGE MEASUREMENT OR OBSERVATION
DF - NO FLOW MADE THIS DAY
- E AND *

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO OH GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
			1204 E 1186	7.23 7.18	12/22/64 1/ 5/65	JAN 59-DATE					

See Little Chico Creek near Chico for records of stage and location. This is flow diverted from Little Chico Creek, into Butte Creek during periods of high water.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

			WATER YEAR	STATION NO.	STATION NAME									
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY	
1	31	40	702	238	3050	380	988	778	710	97	35	6.3	1	
2	29	44	1990	234	2020	3	889	752	658	94	52	10	2	
3	31	44	1970	226	1980	354	854	752	590	89	30	10	3	
4	25	30	1550	226	1310	337	863	744	568	84	29	12	4	
5	23	28	3470	226	1190	319	970	761	582	68	23	12	5	
6	29	56	1440 *	222	1060	302	1800	727	539	60	23	12	6	
7	40	113	358	214	970	297	1660	838	532	60	19	12	7	
8	45	64	595	211	872	297	1290	997	518	54	20	11	8	
9	40	55	466	208	804	297	1150	1130	518	53	18	12	9	
10	39	55	525	214	744	337	1120	1270	518	50	18	22	10	
11	38	59	486	218	695	970	1190	1090	497	50	19	24	11	
12	27	120	442	218	672	889	1070	988	490	53	20	19	*	
13	33	135	442	214	665	812	1010	907	490	54	27	26	13	
14	40	101	486	211	642	658 *	988	854	447	56	23	45	14	
15	39	180 *	424	208	590	560	934	925	434	54	18	48	15	
16	43	508	390	204	546	3000 *	863	1060	421	56	15	56	16	
17	58	208	365	200	525	2580	952	1130	414	56	13	74	17	
18	58 *	157	355	197 *	504	1730	1100	1130	421	58 *	11	58	18	
19	61	385	340	190	484	1480	1130	1130	428	58	12	72	19	
20	65	1850	325	651	455	1370	1150	1170	401	51	16	82	20	
21	66	786	315	5560	440	1350	1050	1200	360 *	50	17	82	21	
22	70	546	300	3220	421	1290	961	1230 *	314	45	18	97	22	
23	66	300	296	1060	408	1600	925	1220	276	48	17	116	23	
24	51	208	288	980	414	1420	988	1210	245	41	15	116	24	
25	42	171	284	718	490	1250	952	1100	213	38	16	114	25	
26	34	146	280	602	440	1110	925	1010	187	36	18	108	26	
27	33	130	271	673	408	1020	1120	934	166	36	22	102	27	
28	36	163	263	1580	394 *	979	1050 *	898	148	34	16	108	28	
29	36	1040	259	4810	925	934	804	122	35	17 *	105	29		
30	35	567	255	4330 *	943	838	770	108	38	14	105	105		
31	37	247	5850	1080				718		39	7.8		31	
MEAN	41.9	279	667	1081	815	977	1057	975	410	54.7	19.3	55.9	MEAN	
MAX.	70	1850	3470	5560	3050	3000	1800	1270	710	97	35	105	MAX	
MIN.	23	28	247	190	394	297	838	718	108	34	7.8	8.3	MIN	
AC. FT.	2579	16600	41020	66480	45260	60080	62900	59950	24430	3362	1188	3329	AC. FT	

WATER YEAR SUMMARY

E — ESTIMATED
NR — NO RECORD
* — DISCHARGE MEASUREMENT OR
OBSERVATION OF FLOW MADE THIS DAY.
= — E AND *

MEAN DISCHARGE	DISCHARGE	MAXIMUM	MINIMUM				
536	7810	GAGE HT. 9.12	DISCHARGE	GAGE HT. 2.60			
		MO 1	DAY 21	TIME 1900	MO 8	DAY 31	TIME 015

TOTAL
ACRE FEET
387200

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 40 37	121 46 38	NW1/4 21N 2E	21300	8	14.55	12/22/64	JAN 58-DATE	JAN 58-DATE	1958	181.01	USED
Station located 0.1 mi. below Ord-Chico Highway bridge, 2.6 mi. NE of Durham. Tributary to Butte Slough.											

BLE B-5 (Cont.)

AILY MEAN DISCHARGE
IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME												
			1967	A0420	LITTLE CHICO CREEK NEAR CHICO									
Y	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY	
0	0.0	0.0	72	5.3	376	16	97	77	15	4.3	0.8	0.0	1	
0	0.0	1.3	318	5.0	222	15	78	68	13	3.7	0.9	0.0	2	
0	0.0	1.3	146	5.0	158	15	70	62	14	3.7	1.1	0.0	3	
0	0.0	1.3	320	5.3	124	14	63	58	13	3.7	0.9	0.0	4	
0	0.0	1.3	368	5.3	99	13	108	54	14	3.4	0.9	0.0	5	
0	0.0	3.4	152	5.0	77	13	319	48	13	3.1	0.8	0.0	6	
0	0.0	6.8	86	5.0	63	13	241	44	12	2.8	0.9	0.0 *	7	
0	0.0	3.7	51	4.6	54	13	160	40	11	2.8	0.8	0.0	8	
0	0.0	2.8	37	4.6	47	12	124	42	11	2.8	0.9	0.0	9	
0	0.0	2.6	39	4.6	41	13	126 *	44	11	2.8	0.9	0.0	10	
1	0.0	2.6	31	4.3	38	58	146	40	11	2.8	1.1	0.0	11	
2	0.0	2.2	26	4.3	35	126	116	40	11	2.6	0.9	0.0	12	
3	0.0	5.0	26	4.3	33	103	103	36	11	2.3	0.5	0.0	13	
4	0.0 *	3.7	25	4.3	31	72	38	33	9.6	1.9	0.5	0.0	14	
5	0.0	15	20	4.0	29 *	75 *	78	31	3.6	1.7	0.4	0.0	15	
6	0.0	32 *	17	4.0	27	232	68	30 *	7.6	1.9	0.4	0.0	16	
7	0.0	8.0	15	4.0 *	26	163	108	28	7.6	2.1	0.3	0.0	17	
8	0.0 *	5.3	13	4.0	25	120	111	26	7.6	1.9 *	0.1	0.5	18	
9	0.0	95	12	4.0	23	105	193	24	7.2	1.7	0.2	0.3	19	
0	0.0	155	11	169	22	99	136	23	6.8 *	1.5	0.2	0.0	20	
1	0.0	39	10	12	20	84	155	22	6.4	1.5	0.1	0.0	21	
2	0.0	27	9.1	429 *	19	72	126	21	5.7	1.5	0.3	0.0	22	
3	0.6	15	9.1	156	19	86	119	19	5.7	1.3	0.1	0.0	23	
4	1.3	10	8.6	206	19	72	137	19	5.3	1.3	0.0	0.1	24	
5	1.5	3.0	5.0	124	22	62	119	17	5.3	1.1	0.0	0.1	25	
6	0.9	6.0	7.6	122	22	56	108	15	5.3	1.1	0.0	0.0	26	
7	1.3	6.0	6.8	143	19	51	150	15	5.0	1.1	0.0	0.0	27	
8	1.9	16	6.4	300	17	51	118	15	4.6	1.1	0.0	0.0	28	
9	1.7	124	6.0	628 E	47	105	15	15	4.3	1.1	0.0 *	0.0	29	
0	1.5	40	6.0	734 #	75	38	14	14	4.3	0.9	0.0	0.0	30	
1	0.8	5.7	735	114	114	14	14	14	0.8	0.0	0.0	0.0	31	
AN	0.4	21.5	60.3	150	61.2	66.5	127	33.4	4.9	2.1	0.5	0.0	MEAN	
LX.	1.9	155	368	912	376	232	319	77	15	4.3	1.1	0.5	MAX.	
N.	0.0	0.8	5.7	4.0	17	12	63	14	4.3	0.	0.0	0.0	MIN.	
FT.	23	1281	3706	9213	3398	4086	1553	2051	529	132	28	2.0	AC FT.	

WATER YEAR SUMMARY

- ESTIMATED
 - NO RECORD
 - DISCHARGE MEASUREMENT OR OBSERVATION
 DF NO FLOW MADE THIS DAY
 - E AND *

MEAN DISCHARGE	MAXIMUM DISCHARGE				MINIMUM DISCHARGE				TOTAL ACRE FEET
44.2	1282 E	4.95	1	30	1600	0.0	10	1	32000

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T & R M.D.B & M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 44 02	121 46 23	NE29 22N 2E	1790	1.1	12/21/64	JAN 59-DATE	DEC 58-DATE	1958		296.00	USED

Station located above diversion dam 500 ft. S of Stilson Road, 3.6 mi. E of Chico. Tributary to Sacramento River. During periods of high water, flow is diverted via Little Chico Creek Diversion, into Butte Creek. Discharge listed does not include this diversion.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1967	A02984	CHEROKEE CANAL NEAR RICHVALE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	4.1	1.3	497	47	853	36	363	118	52	33	11	26	1
2	14	1.6	1320	47	485	34	192	107	56	25	9.1	33	2
3	11	1.7	1440	48	322	33	139	98	49	28	18	33	3
4	4.9 E	1.6	954	51	249	42	117	91	45	46	15	29	4
5	4.1 E	1.4	2440	48	212	58	119	85	44	36	15	26	5
6	3.4 E	2.0	1330	42	169	63	973	80	35	30	17	27	6
7	2.7 E	2.5	470 *	42	146	47	903	69	33	38	16	28	7
8	2.1 E	8.5	256	40	130	44	332	64	33	44	17	33	8
9	1.5 E	14	178	40	119	47	221	67	33	33	24	38	9
10	1.4 E	11	233	40	112	52	173	70	33	28	18	38	10
11	1.4	11	173	40	101	126	500	74	26	28	15	51	11
12	1.4	20	125	41	95	201	211	104	30	24	12	51	*
13	1.3	20	113	40	91	258	161	121	50	29	14	38	13
14	1.2	19	157	39	66	178	133	110	43	30	17	35	14
15	1.1	24 *	104	38	55	104 *	121	133	31	23	18	32	15
16	1.0	110	91	38	50	769	113	121	26	21	12	32	16
17	0.9	58	84	38	46	355	118	102	35	25	18	24	17
18	0.9	36	78	39 *	47	168	303	81	16	30 *	11	34	18
19	0.9	223	73	39	57	119	249	76	27	39	12	17	19
20	0.9	2030	70	728	57	109	459	64	60	22	8.3	12	20
21	0.9	566	66	4510	46	130	262	45	58	12	26 *	9.3	21
22	0.9	235	63	2750	38	107	315	24	52	17	27	8.0	22
23	0.9	115	62	698	35	147	193	18	44	16	26	7.4	23
24	1.0	77	64	1340	34	115	543	29	33	15	27	6.5	24
25	1.2	65	61	619	61	90	278	37	30	23	32	6.7	25
26	1.2	59	58	596	79	77	188	32 *	32	26	44	4.6	26
27	1.1	53	55	936	73	73	225	24	30 *	23	43	4.1	27
28	1.0	201	54	2020	42 *	75	202	24	37	20	44	3.7	28
29	0.9	1250	55	2320		90	143	33	36	17	38	3.1	29
30	1.2	336	54	2780		129	134	38	33	15	30	2.8	30
31	1.3	52	52	1900		1300	52	52	10	27			31
MEAN	2.3 E	185	349	709	138	168	280	70.7	38.0	26	21.3	23.1	MEAN
MAX.	14	2030	2440	4510	853	1300	973	133	60	46	44	51	MAX
MIN.	0.9	1.3	52	38	34	33	113	18	16	10	8.3	2.8	MIN
AC. FT.	142	11020	21480	43620	7676	10330	16690	4346	2265	1599	1312	1375	AC. FT.

WATER YEAR SUMMARY

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 # - E AND *

MEAN DISCHARGE	MAXIMUM DISCHARGE				MINIMUM DISCHARGE					
168	7543	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME

TOTAL ACRE FEET
121800

LOCATION			MAXIMUM DISCHARGE				PERIOD OF RECORD				DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M	OF RECORD				DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM		
			CFS	GAGE HT.	DATE	FROM			TO					
39 27 53	121 44 37	NW34 19N 2E	15200 E	13.80	10/13/62	JUL 60-DATE	JUL 60-DATE		1960		88.20	USCGS		

Station located at Butte City Road Bridge, 2.1 mi. S of Richvale. Backwater from Cherokee Dam weir, 1.05 mi. below station, at times affects the stage-discharge relationship. Weir has 13 bays and is operated by the Richvale Irrigation District.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A02967	BUTTE SLOUGH AT OUTFALL GATES

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	7.9	0.0	94	0.0 E	298	620	0.0	0.0	0.0	235	223	1
2	0.0	13	0.0	274	0.0 E	267	0.0	0.0	0.0	0.0	159	267	2
3	0.0	20	0.0 E	280	0.0 E	223	0.0	0.0	0.0	0.0	188	340	3
4	0.0	26	0.6 E	298	0.0 E	181	0.0	0.0	0.0	0.0	209	340	4
5	0.0	24	0.0 E	328	0.0 E	166	0.0	0.0	0.0	0.0	216	346	5
6	0.0	24	0.0 E	418	0.0 E	181	0.0	0.0	0.0	0.0	230	334	6
7	0.0	38	0.0 E	450	0.0 E	202	0.0 E	0.0	144	0.0	280	340	7
8	0.0	63	0.0 E	482	0.0 E	181	0.0 E	0.0	242	0.0	298	292	8
9	0.0	130	0.0 E	476	0.0 E	181	0.0 E	0.0	328	0.0	267	248	9
10	0.0	130	0.0 E	445	0.0 E	188	0.0 E	0.0	396	0.0	274 E	267	10
11	0.0	117	0.0 E	402	*	0.0 E	216	0.0	413	0.0	274 E	352	11
12	0.0	106	0.0 E	418	0.0 E	267	0.0	0.0	434	20	262 E	385	12
13	0.0	100	0.0 E	507	0.0 E	248	0.0	0.0	440	33 E	216 E	450	13
14	0.0	102	0.0 E	423	0.0 E	255	0.0	0.0	434	86 E	195 E	465	14
15	0.0	125	0.0 E	465	0.0 E	334	0.0	0.0	440	103 E	188 E	497	15
16	0.0	165	0.0 E	429	0.0 E	396	0.0	0.0	450	136 E	188 E	418	16
17	0.0	261	0.0 E	369	0.0 E	0.0	0.0	0.0	455	76 E	202 E	445	17
18	0.0	440	0.0 E	340	0.0 E	0.0	0.0	0.0	440	20 E	230 E	502	18
19	0.0	486	0.0 E	304	0.0 E	0.0	0.0	0.0	379	136 E	242 E	552	19
20	0.0	242	0.0 E	328	0.0 E	0.0	0.0	0.0	304	181 E	235 E	476	20
21	0.0	0.0	0.0 E	304	0.0	56	0.0	0.0	292	166 E	235 E	460	21
22	0.0	0.0	0.0 E	0.0	195	174	0.0	0.0	235	174 E	235 E	445 *	22
23	0.0	0.0	0.0	0.0 E	280	286	0.0	0.0	144 *	112 E	235 E	391	23
24	0.0	692	0.0	0.0 E	216	374	0.0	0.0	103	94 E	230 E	340	24
25	0.0	862	0.0	0.0 E	0.0	379	0.0	0.0	76	103 E	223	188	25
26	0.0	742	0.0	0.0 E	357	532	0.0	0.0	33	166 #	230	0.0	26
27	0.0	642	0.0	0.0 E	323	*	635	0.0	33	115	216	0.0	27
28	0.0	605	0.0	0.0 E	316	723	0.0	0.0	0.0	99	188	0.0	28
29	0.0	316	0.0	0.0 E	780	0.0	0.0	0.0	0.0	110	188 *	0.0	29
30	0.0	0.0	0.0	0.0 E	780	0.0	0.0	0.0	0.0	151	159	0.0	30
31	0.0	0.0	0.0	0.0 E	793	0.0	0.0	0.0	271	174		31	
MEAN	0.0	216	0.0	253	60.2	300	28.1	0.0	207	75.9	223	312	MEAN
MAX.	0.0	862	0.0	507	357	793	620	0.0	455	271	298	552	MAX.
MIN.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	159	0.0	MIN.
AC.FT.	0.0	12850	0.0	15540	3350	18440	1672	0.0	12330	4667	13600	18570	AC.FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	DISCHARGE	MAXIMUM GAGE HT.	MO	DAY	TIME	MINIMUM DISCHARGE	GAGE HT	MO	DAY	TIME
140	NR					NR				

TOTAL ACRE FEET
101100

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 11 44	121 56 04	NB35 16N 1W				JUN 24-OCT 388	JUN 24-DATE			0.00	USED
						JAN 39-DATE					

Station located 4.0 mi. E of Colusa, 3.7 mi N of Meridian. Tributary to Sacramento River. Flow regulated by gravity culverts. During the summer months these flows, together with the flow of Butte Slough at Mawson Bridge and Wadsworth Canal near Sutter are made up almost entirely of return water from lands irrigated by Feather River diversions.

B - Irrigation season only.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967	A02380	SACRAMENTO RIVER AT MERIDIAN	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DA
1	7160					13100	14000	26100	17800	11900	10700	10900	1
2	7040					12800	16600	24900	17300	11800	10700	10800	2
3	7120					12400	16100	22600	17700	11800	10600	10900	3
4	7220					12100	NR	21000	18000	11900	10600	11000	4
5	7250					11700	NR	20200	17300	11700	10600	11000	5
6	7210					11400	NR	19200	16900	11500	10500	11000	6
7	7290					11200	NR	18200	16300	11400	10500	11000	7
8	7320					10800	NR	17600	16500	11300	10600	11000	8
9	7300	N	N	N	N	10200 *	NR	17400	16000	11100	10600	11000	9
10	7320	O	O	O	O	9990	NR	17500	15700	11000	10600	11000	10
11	7290	T	T	T	T	9720	20600 *	18700	15600	11000	10600	11000	11
12	7210	C	C	C	C	12300	21600	19600	15400	11000	10600	11200	12
13	7260	O	O	O	O	14000	21500	18900	15300	10900	10700	11400	13
14	7300	M	M	M	M	14200	20500	19000	15100	10900	10700	11400	14
15	7330	P	P	P	P	13900	21800	18800	14300	10300	10700	11400	15
16	7320	U	U	U	U	13500	22200	18600	14600	10300	10700	11400	16
17	7280	E	E	E	E	20500	21700	19000	14400	10800	10700	11400	17
18	7330	D	D	D	D	24700	22000	19800	14200	10900	10700	11400	18
19	7320 *					21400	26800	20300	14100	10700	10600	11500	19
20	7260					18900	29000	20500	14000	10700	10600	11500	20
21	7300					17000	29400	21300	13800	10700	10700	11200	21
22	7380					16800	27900	22400	13600	10600	10700	11200	22
23	7470					16200	27000	23500 *	13300 *	10700	10700 *	11200	23
24	7390					15800	29000	23900	13000	10700	10700	11200 *	24
25	7460					15700	29700	24200	12800	10700 *	10700	11200	25
26	7390					14900	29900	24000	12600	10600	10800	11200	26
27	7280					14200	29900	23300	12500	10500	10900	11200	27
28	7370					13600	30200	22000	12200	10400	11000	11100	28
29	7350					13000	29300	20600	12100	10400	10900	11100	29
30	7380					12800	27700	19500	12000	10600	10900	11000	30
31	7390					12700	18400			10600	10900		31
MEAN	7300					14240	NR	20680	14350	10980	10690	11160	MEAN
MAX.	7470					24700		26100	18000	11900	11000	11500	MAX
MIN.	7040					9720		17400	12000	10400	10500	10800	MIN
AC. FT.	448800					875700	NR	1271000	883400	675200	657500	640700	AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	DISCHARGE	MAXIMUM GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME	TOTAL ACRE FEET
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LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 08 42	121 55 00	SEL3 15W 1W	64.4	3/1/40		MAR 54-OCT 54		15-DATE		0.00	USED
			60.59	1/7/65		JAN 55-DEC 55					
						MAR 56-DATE 8					

Station located 190 ft. below Meridian Bridge, State Highway 20, immediately NW of Meridian. Flow computed for irrigation season only.

8 - Irrigation season only.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A02965	RECLAMATION DISTRICT 70 DRAINAGE TO SACRAMENTO RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	4.5	0.0	11	0.0	180	11	36	18	76	12	28	46	1
2	0.0	0.0	17	27	160	27	12	31	96	25	28	45	2
3	0.0	0.0	32	11	119	11	10	33	111	12	27	55	3
4	0.0	0.0	29	0.0	92	38	27	33	116	27	36	46	4
5	0.0	0.0	30	28	80	27	23	9.7	109	11	42	55	5
6	0.0	0.0	55	11	66	0.0	27	13	98	0.0	30	55	6
7	0.0	0.0	55	0.0	66	26	63	14	70	11	17	55	7
8	0.0	0.0	29	26	66	37	34	40	58	11	27	55	8
9	0.0	0.0	29	11	66	11	51	37	75	8.6	20	55	9
10	0.0	0.0	28	0.0	67	0.0	48	37	87	11	12	58	10
11	0.0	0.0	28	0.0	41	26	43	37	68	31	27	71	11
12	0.0	0.0	29	28	58	37	34	91	76	36	39	91	12
13	0.0	0.0	30	11	57	38	33	42	73	36	28	70	13
14	0.0	0.0	31	0.0	32	11	34	31	68	39	40	76	14
15	0.0	0.0	31	24	59	6.3	34	43	80	30	31	76	15
16	0.0	0.0	31	11	43	27	26	65	66	28	39	63	16
17	0.0	0.0	9.3	0.0	34	9.9	4.2	90	30	28	32	37	17
18	0.0	0.0	20	0.0	35	12	34	83	55	28	32	22	18
19	0.0	0.0	9.9	0.0	36	24	32	57	55	27	18	0.0	19
20	0.0	0.0	0.0	0.0	36	27	31	85	55	27	19	0.0	20
21	0.0	25	25	26	36	16	31	72	55	27	12	0.0	21
22	0.0	10	35	78	36	26	53	93	55	28	19	24	22
23	0.0	0.0	10	129	37	13	62	92	43	27	9.4	39	23
24	0.0	0.0	0.0	144	33	35	54	91	40	28	22	38	24
25	0.0	0.0	25	83	27	14	62	92	40	16	31	13	25
26	0.0	0.0	36	102	38	26	62	91	39	12	36	0.0	26
27	0.0	0.0	10	144	38	11	60	62	28	25	26	0.0	27
28	0.0	0.0	0.0	166	38	17	50	82	24	30	36	0.0	28
29	0.0	26	26	204	204	11	43	60	15	27	31	0.0	29
30	0.0	34	37	224	224	11	31	71	25	27	39	0.0	30
31	0.0	12	12	157	27	27	72	27	27	27	45	27	31
MEAN	0.1	3.2	24.2	53.1	59.9	19.8	38.1	57.0	62.9	23.0	28.3	38.2	MEAN
MAX.	4.5	34	55	224	180	38	63	93	116	39	45	91	MAX.
MIN.	0.0	0.0	0.0	0.0	27	0.0	4.2	9.7	15	0.0	9.4	0.0	MIN.
AC. FT.	9.0	188	1488	3263	3324	1216	2269	3506	3741	1413	1742	2271	AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM				MINIMUM				TOTAL ACRE FEET		
34.1	DISCHARGE	GAGE HT.	MO	DAY	TIME	DISCHARGE	GAGE HT.	MO	DAY	TIME	24430

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO OH GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 04 08	121 51 43	NE16 14N 1E				MAY 24-OCT 38 8					
						JAN 39-DATE					

Plant located 1.7 mi. E of Grimes. This is drainage returned by pumping and gravity. Plant also discharge to irrigation canals.

8 - Irrigation season only.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1967	A02960	TISDALE WEIR SPILL TO SUTTER BYPASS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				123				2170					1
2					15700			1130					2
3				1976	15900			132					3
4				9320	15600								4
5				8050	13500								5
					12200								
6				10200	11400								6
7				11400	11100								7
8				11300	10400								8
9				11200	8680								9
10				11400	6380								10
11				11300	3550								11
12				9570	1560								12
13				4950	505 E								13
14				2120	47 E								14
15				2290									15
16				1150									16
17				88									17
18													18
19													19
20													20
21				166									21
22				363									22
23				74									23
24					3690								24
25					11000								25
					7920								
					7270								
26													26
27					7820								27
28					7240								28
29					9560								29
30					10400								30
31					12900								31
					19400								
MEAN				20.1	3435								MEAN
MAX.				363	11400								MAX
MIN.				0.0	0.0								MIN
AC. FT.				1196	211200								AC. FT.

WATER YEAR SUMMARY

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 # - E AND *

MEAN DISCHARGE	MAXIMUM DISCHARGE	MINIMUM DISCHARGE								
DISCHARGE	GAGE HT.	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME
1070	16150	0.0	49.14	2	2	0545	0.0			
							99630			

TOTAL ACRE FEET
759600

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 01 36	121 49 16	NE35 14N 1E	25700	53.3	3/1/40	JAN 40-DATE #	JAN 35-DATE #	1935		0.00	USED
Station located west of north end of weir, 5.0 mi. SE of Grimes. See Sacramento River at Tisdale Weir for stage records. Elevation of weir crest is 45.45 ft. USED datum; length of crest is 1,155 ft. Backwater from Sutter Bypass at times affects stage-discharge relationship.											
# - Flood season only.											

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME										
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	6760					13500	12:00	24400	17400	10300	9430	9660	1
2	6780					13100	15700	24200	17100	10200	9350	9700	2
3	6730					12600	16200	23000	17400	10200	9220	9820	3
4	6880					12200	14300	21600	18600	10300	9190	10100	4
5	6970					11800	13200	20600	17800	10500	9230	10200	5
6	6880					11300	12500	19700	17000	10100	9250	10400	6
7	7010					11100	13800	18600	16600	10000	9310	10300	7
8	7170					10800	19000	17400	16300	9970	9350	10500	8
9	7100	N	N	N	N	10100	21500	17000	15700	9750	9360	10500	9
10	7140	O	O	O	O	9880 *	20300	16600	15200	9580	9280	10600	10
11	7100	T	T	T	T	9440	20000 *	17400	14900	9520	9260	10600	11
12	7040	C	C	C	C	10700	20700	18800	14900	9550	9390	10900	12
13	7060	O	O	O	O	13700	21300	20000	14700	9580	9430	11300	13
14	7120	M	M	M	M	14600	20100	18300	14400	9460	9470	11300	14
15	7160	P	P	P	P	14200	21100	18200	14200	9480	9440	11200	15
16	7170	T	T	T	T	13700	22000	17900	13900	9430	9340	11000	16
17	7180	E	E	E	E	16600	21600	18100	13500	9530	9170	11000	17
18	7250 *	D	D	D	D	22500	21400	18800	13300	9620	9180	11100	18
19	7230					21300	24100	19300	13000	9460	9160	11300	19
20	7180					18700	25300	19500	12800	9370	9230	11300	20
21	7170					16600	25500	20300	12700	9390	9320	11200	21
22	7260					16300	25100	21300	12500	9350	9190	10900	22
23	7340					15900	25000	22900	12200	9430	9140	10900	23
24	7390					15300	25000	23300 *	11800	9480	9160	10900	24
25	7310					15200	25300	23000	11400	9420 *	9250 *	10800	25
26	7350					14500	25400	23000	11200	9330	9460	10600 *	26
27	7170					13800	25400	22700	11000	9230	9750	10600	27
28	7300					13300	25400	21800	10700 *	9090	9870	10500	28
29	7240					12600	25500	20100	10500	9170	9830	10300	29
30	7300					12400	25100	19000	10500	9280	9860	10200	30
31	7340					12100	17900			9460	9690		31
MEAN	7130					13900	21000	20200	14100	9630	9370	10700	MEAN
MAX.	7390					22500	25500	24400	18600	10500	9870	11300	MAX.
MIN.	6730					9440	12500	16600	10500	9090	9140	9660	MIN.
AC. FT.	438500					852500	1249800	123900	839400	592100	576400	634100	AC.FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM				MINIMUM	TOTAL ACRE FEET			
DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE NT.	DATE			FROM	TO		
38 52 58	121 48 59	SW13 12N 1E				MAR 55-DATE 8	FEB 55-DEC 55 FEB 56-MAY 59 NOV 59-DATE				

Station located below Tyndall Landing, 2.5 mi. NW of Reclamation District 108 drainage pumping plant, 6.2 mi. W of Robbins. Flow computed for irrigation season only and should not be considered to have the same degree of accuracy as other records published in this report.

8 - Irrigation season only.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A02933	RECLAMATION DISTRICT 103 DRAINAGE TO SACRAMENTO RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.
1	0.0	0.0	90	0.0	648	87	91	128	314	151	211	239	239
2	99	0.0	18	98	533	0.0	64	123	326	154	224	289	289
3	0.0	0.0	221	0.0	250	77	0.0	86	331	205	228	291	291
4	80	0.0	241	98	125	0.0	91	87	720	188	218	296	296
5	73	0.0	248	0.0	215	133	93	87	429	154	221	355	355
6	0.0	84	250	99	127	0.0	140	89	429	154	211	307	307
7	79	0.0	237	0.0	127	90	136	87	422	154	198	307	307
8	79	0.0	169	0.0	127	0.0	88	108	369	156	221	354	354
9	0.0	0.0	127	50	127	90	107	164	283	156	202	351	351
10	79	78	127	93	130	0.0	87	119	283	182	218	450	450
11	0.0	0.0	127	0.0	130	89	87	120	338	156	237	353	353
12	0.0	75	127	0.0	130	34	87	115	316	206	237	383	383
13	79	0.0	127	0.0	130	93	87	89	419	187	224	391	391
14	0.0	0.0	62	101	130	0.0	43	251	376	205	214	298	298
15	0.0	78	102	0.0	89	87	87	155	419	207	221	298	298
16	0.0	0.0	130	0.0	97	88	68	185	376	195	224	276	276
17	0.0	151	69	101	67	87	87	218	329	207	221	203	203
18	79	0.0	134	0.0	95	93	43	220	288	188	224	216	216
19	0.0	0.0	0.0	0.0	48	87	86	220	288	205	237	149	149
20	0.0	148	142	80	39	86	84	215	335	185	221	151	151
21	0.0	14	0.0	160	139	43	161	613	336	185	221	250	250
22	0.0	68	134	644	77	87	128	278	336	185	221	67	67
23	0.0	72	0.0	97	0.0	87	278	370	336	182	208	155	155
24	86	17	139	141	129	44	208	400	293	185	224	102	102
25	0.0	0.0	0.0	438	66	87	207	400	298	198	228	0.0	0.0
26	0.0	0.0	142	567	24	5.7	194	400	298	224	244	88	88
27	0.0	132	0.0	392	86	90	158	464	347	214	242	69	69
28	79	0.0	101	385	63	0.0	126	657	329	221	240	57	57
29	0.0	125	0.0	648	93	84	482	302	228	228	254	87	87
30	0.0	56	131	392	91	122	516	246	221	273	280	0.0	0.0
31	82	0.0	0.0	642	444			218					
MEAN	28.8	36.6	110	169	141	59.6	111	255	350	189	227	229	229
MAX.	99	151	250	648	648	133	278	657	720	228	280	450	450
MIN.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86	246	151	198	0.0	0.0
A.C. FT.	1773	2178	6734	10370	7831	3667	6569	15650	20550	11620	13980	13650	M A C

WATER YEAR SUMMARY

E - ESTIMATED
NR - NO RECORD
* - DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY
- E AND *

MEAN DISCHARGE 158	MAXIMUM DISCHARGE NR	MINIMUM DISCHARGE NR	TOTAL ACRE FEET 114900

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.O.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 51 45	121 47 29	NE30 12N 2E				APR 24-OCT 388					
Plant located 4.5 mi. E of Robbins. This is drainage returned by pumping. Pumping hours vary and figures shown are not necessarily daily flows. See Sacramento River near Rough and Ready Bend for river stages. Additional water is sometimes returned to Colusa Basin Drain.											
8 - Irrigation season only.											

TABLE B-5 (Cont.)

MONTHLY MEAN DISCHARGE
 IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1967	A02955	RECLAMATION DISTRICT 787 DRAINAGE TO SACRAMENTO RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
IN. X. N. FT.	1.9	6.2	23.3	42.5	28.9	15.3	19.9	38.4	45.0	40.9	45.5	29.0	MEAN MAX. MIN. AC.FT.
114	366	1434	2613	1606	938	1185	2362	2679	2517	2795	1726		

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM				MINIMUM				TOTAL ACRE FEET	
DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME	20340

- ESTIMATED
 - NO RECORD
 - DISCHARGE MEASUREMENT OR OBSERVATION
 OF HD FLOW MADE THIS DAY
 - E AND *

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T & R M.D.B & M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO OH GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 50 47	121 43 46	NE34 12N 2E				MAY 49-DATE					

Plant located 2.1 mi. SW of Robbins. This is drainage returned by pumping. Daily distribution of flows is not available since the plant operated on an automatic float switch. Additional water returned to Colusa Basin Drain.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A02976	COLUSA BASIN DRAIN AT HIGHWAY 20

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	204	219	640	231	4700	204	504	418	1470	374	621	973	1
2	209	231	628	230	4480	202	540	440	1820	436	660	991	2
3	217	272	1390	230	4050	192	520	297	2180	419	676	982	3
4	210	267	1530	235	3430	166	546	412	2490	401	696	973	4
5	207	257	1760	246	2520	156	512	354	2620	382	726	960	5
6	182	347	1920	250	1860	144	492	369	2510	436	682	958	6
7	154	484	1830	228	1410	156	574	425	2160	459	722	939	7
8	153	540	1500 *	214	1110	144	548	349	1950	431	682	980	8
9	161	466	1150	207	926	136	472	340	1760	487	656	1050	9
10	190	397	991	202	762	141	397 *	535	1450	535	744	1040	10
11	198	369	873	197	638	168	408	304	1170	542	742	1100	11
12	183	343	723	193	528	219	369	320	1010	544	754	1190	12
13	159	345	642	202 *	474	293	265	180	1100	619	771	1180	13
14	137	380	628	183	406	214	397	96	1130	619	782	1220	14
15	142	426	560	185	350	180	390	91	1030	656	760	1260	15
16	136	532	516	183	302	638	339	75	802	640	716	1230	16
17	136	660	458	182	280	523	302	58	710	648	690	1100	17
18	137	618	418	183	254	304	401	95	577	664	722	1070	18
19	137 *	420	375	182	235	239	520	108 *	564	572	740	1090	19
20	136	949	349	183	216	219	462	89	542	583	744	718	20
21	137	1420	326	798	207	219 *	656	198	451	623	773	788	21
22	142	1170 *	311	2350	205	204	1320	304	393 *	625	834	660 *	22
23	158	851	284	2200 *	204	190	980	466	354	611	824	570	23
24	154	646	285	1940	202	175	1440	570	308	621	817 *	503	24
25	161	502	278	2620	204	180	1650	652	369	609	901	463	25
26	159	384	270	2560	204	200	1000	726	374	574 *	895	453	26
27	182	345	259	3060	200 *	210	666	870	363	597	928	419	27
28	192	391	241	3440	204	310	574	1010	343	611	950	356	28
29	185	786	239	3840		446	518	1100	401	634	947	313	29
30	222	767	235	4180		450	472	1210	391	607	975	304	30
31	226		235	4660 *		514	1300		617	995		31	
MEAN	171	526	705	1155	1091	250	608	440	1093	554	778	861	
MAX.	226	1420	1920	4660	4700	638	1650	1300	2620	664	995	1260	
MIN.	136	219	235	182	200	136	58	308	374	621	821	304	
AC. FT.	10520	31310	43330	71000	60620	15340	36170	27290	65040	34070	47850	51240	

WATER YEAR SUMMARY

E - ESTIMATED
NR - NO RECORD
* - DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY
- E AND *

MEAN DISCHARGE	DISCHARGE	MAXIMUM GAGE HT.	MAXIMUM MO.	MAXIMUM DAY	MAXIMUM TIME	MINIMUM DISCHARGE	GAGE HT.	MINIMUM MO.	MINIMUM DAY	MINIMUM TIME
632	4820	49.89	2	1	0700	46	37.65	5	17	2000

TOTAL ACRE FEET
493800

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY			PERIOD FROM	ZERO ON GAGE
			CF5	GAGE HT.	DATE		MO.	DAY	TIME		
39 11 44	122 03 34	NE34 16N 2W	3140	51.93	2/21/58	JUN 24-DEC 408	JUN 24-DEC 408			1957	37.09
Station located at State Highway 20 bridge, 3.0 mi. W of Colusa. Flow is return water in main drain of Reclamation District 2047, drainage chiefly from irrigation districts.											
8 - Irrigation season only.											

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME											
1967	A02945	COLUSA BASIN DRAIN AT KNIGHTS LANDING											
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	232	71	0.0	626	0.0	605	0.0	0.0	0.0	351	316	811	1
2	248	234	0.0	618	0.0	600	0.0	0.0	0.0	261	320	823	2
3	243	240	0.0	326	0.0	616	0.0	0.0	0.0	189	360	854	3
4	228	141	0.0	276	0.0	582	0.0	0.0	0.0	140	354	878	4
5	344	291	0.0	260	0.0	582	0.0	0.0	0.0	96	460	884	5
6	348	351	0.0	262	0.0	608	0.0	0.0	0.0	80	436	846	6
7	240	680	0.0	232	0.0	608	0.0	0.0	0.0	84	456	862	7
8	156	920	0.0	172	0.0	618	0.0	0.0	0.0	220	436	892	8
9	132	1020	0.0	134	0.0	608	0.0	0.0	0.0	392	360	922	9
10	120	765	0.0	146 *	0.0	590	0.0	0.0	0.0	336	364	968	10
11	120	607	0.0	154	0.0	644	0.0	0.0	0.0	272	424	987	11
12	144	620	0.0	144	0.0	0.0	0.0	0.0	0.0	216	430	1032	12
13	152	585	0.0	146	0.0	0.0	0.0	0.0	0.0	216	488	1115	13
14	124	570	0.0	156	0.0	0.0	0.0	0.0	0.0	288	504	1108	14
15	136	1600	0.0	144	0.0	0.0	0.0	0.0	0.0	288	488	1120	15
16	140	2130	0.0	154	0.0	0.0	0.0	0.0	0.0	324	456	1146	16
17	112	2110	0.0	126	0.0	0.0	0.0	0.0	0.0	352	400	1118	17
18	136	1790	0.0	126	0.0	0.0	0.0	0.0	0.0	384	384	1032	18
19	204	2660	0.0	134	0.0	0.0	0.0	0.0	0.0	348	444	970	19
20	194	2190	0.0	114	0.0	0.0	0.0	0.0	0.0	244	440	916	20
21	164	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	288	456	328	21
22	154	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	304	532	804	22
23	154	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	304	552	623	23
24	154	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	288	572	568	24
25	154	556	0.0	0.0	238	0.0	0.0	0.0	96	296	600 *	493	25
26	154 *	608	0.0	0.0	476	0.0	0.0	0.0	546	316	701	435 *	26
27	154	618	0.0	0.0	528	0.0	0.0	0.0	582	256 *	678	377	27
28	151	662	0.0	0.0	590	0.0	0.0	0.0	600	300	698	323	28
29	0.0	670	0.0	0.0	0.0	0.0	0.0	0.0	652	340	730	264	29
30	0.0	440	0.0	0.0	0.0	0.0	0.0	0.0	662	340	752	256	30
31	25	618	0.0	0.0	0.0	0.0	0.0	0.0	0.0	320	811	811	31
MEAN	162	736	34	144	65	215	0.0	0.0	105	272	500	810	MEAN
MAX.	344	2190	618	626	590	644	0.0	0.0	662	392	811	1146	MAX.
MIN.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80	316	256	MIN.
AC. FT.	9961	43810	2098	8826	3633	13220	0.0	0.0	6224	16730	30750	42210	AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE 254	MAXIMUM DISCHARGE NR	MINIMUM DISCHARGE NR	TOTAL ACRE FEET 183500

E - ESTIMATED
NR - NO RECORD
* - DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY
/ - E AND *

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.O.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 47 58	121 43 27	SW1/4 11N 2E	36.8	2/10/42		MAY 24-OCT 39 8	MAY 24-OCT 39 8	1924		0.00	USED

Station located at Knights Landing Outfall Gates, 0.3 mi. W of Knights Landing. Tributary to Sacramento River. Flow regulated by outfall gates. An undetermined amount of flow is diverted to Yolo Bypass via Ridge Cut at Knights Landing. For total flow to Sacramento River, combine with the flows of Reclamation District 787 to Colusa Basin Drain.

8 - Irrigation season only.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1967	A02950	RECLAMATION DISTRICT 787 DRAINAGE TO COLUSA BASIN DRAIN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN MAX. AC. FT.	0.4	0.0	0.0	12.4	11.1	3.5	4.9	15.8	27.8	21.9	17.6	11.5	MEAN MAX MIN AC. FT.
25	0.4	0.0	0.0	761	618	217	290	972	1655	1347	1084	683	7652

WATER YEAR SUMMARY

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 # - E AND *

MEAN DISCHARGE	MAXIMUM				MINIMUM				
DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME

TOTAL ACRE FEET
7652

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 48 03	121 43 28	NW1/4 11N 2E					JAN 40-DATE				
Plant located 0.3 mi. W of Knights Landing. This is drainage returned by pumping between Knights Landing Outfall Gates and Sacramento River. Daily distribution of flows is not available since the plant operates on an automatic float switch. Additional water returned to Sacramento River.											

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A02930	FREMONT WEIR SPILL TO YOLO BYPASS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.0	0.0	0.0	115900	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
2	0.0	0.0	0.0	0.0	104700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
3	0.0	0.0	0.0	0.0	86200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3
4	0.0	0.0	283	0.0	62600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4
5	0.0	0.0	4400	0.0	43000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5
6	0.0	0.0	18200	0.0	30600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6
7	0.0	0.0	27800	0.0	23700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7
8	0.0	0.0	24300	0.0	19000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8
9	0.0	0.0	19200	0.0	14400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9
10	0.0	0.0	15900	0.0	9150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10
11	0.0	0.0	14200	0.0	3370	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11
12	0.0	0.0	12200	0.0	230	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12
13	0.0	0.0	7380	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13
14	0.0	0.0	1400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17
18	0.0	0.0	0.0	0.0	8110	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18
19	0.0	0.0	0.0	0.0	15000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19
20	0.0	0.0	0.0	0.0	10400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20
21	0.0	0.0	0.0	0.0	3960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21
22	0.0	0.0	0.0	0.0	105	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
23	0.0	0.0	0.0	0.0	33800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23
24	0.0	0.0	0.0	0.0	29100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24
25	0.0	0.0	0.0	0.0	25400	0.0	0.0	462	*	0.0	0.0	0.0	25
26	0.0	0.0	0.0	18500	0.0	0.0	0.0	1800	*	0.0	0.0	0.0	26
27	0.0	0.0	0.0	13900	0.0	0.0	0.0	2180	*	0.0	0.0	0.0	27
28	0.0	0.0	0.0	15700	0.0	0.0	0.0	708	*	0.0	0.0	0.0	28
29	0.0	0.0	0.0	32000	0.0	0.0	0.0	24	*	0.0	0.0	0.0	29
30	0.0	0.0	0.0	74400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30
31	0.0	0.0	0.0	103700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31
MEAN	0.0	0.0	4686	11220	18320	1212	0.0	167	0.0	0.0	0.0	0.0	MEAN
MAX.	0.0	0.0	27800	103700	115900	15000	0.0	2180	0.0	0.0	0.0	0.0	MAX.
MIN.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MIN.
AC. FT.			288100	689800	1017000	74520		10260					AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	DISCHARGE	MAXIMUM	MINIMUM	TOTAL ACRE FEET
2873	117900	36.94	2 1	1080000

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T & R M.O.B & M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT	DATE			FROM	TO		
			294000	12/31/95	JAN 35-DATE						

See Sacramento River at Fremont Weir, East End, and Sacramento River at Fremont Weir, West End, for stage records and locations. Elev. of weir crest is 33.50 ft. USED datum; length of crest is 9,120 ft.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A02972	BUTTE SLOUGH NEAR MERIDIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	83	147	1420	546	53600	707	1020	2180	1120	307	294	311	1
2	80	152	1590	484	64500 *	1410	2040	1200	283	277	313	2	
3	74	161	1860	447	59800	589	1450	1900	1290	296	274	330	3
4	68	161	3890	426	42200	537	1180	1750	1370	302	285	347	4
5	74	155	10600	391	31900	490	1010	1630	1390	314	277	344	5
6	78	157	13800	361	25400	454	948	1560	1410	334	272	341	6
7	76	172	18000 *	315	21700	441	1280	1470	1460	332	280	341	7
8	74	190	18800	285	18700	402	1620	1380	1470	307	288	334	8
9	72	218	18800	269	15000	359	1840	1310	1410	288	288	317	9
10	74	184	19000	253	10400	340	2050 *	1260	1380	288	284	319	10
11	78	181	18900	237 *	6200	313	2240	1240	1380	283	288	337	11
12	82	163	17200	218	4060	516	2320	1220	1330	283	296	367	12
13	78	157	11200	204	3210	804	2270	1150	1310	292	309	408	12
14	74	186	6790 *	197	2710	890	2230	1080	1250	284	318	429	14
15	71	199	4240 *	204	2310	842	2160	940	1180	277	315	442	15
16	67	207	3290	197	2090	806	2040	894	1110	283	306	416	16
17	68	319	2690	181	1900	1120	1920	829	1050	294	287	407	17
18	65	372	2230	169	1740	1260	1860	770	989	307	293	- 463	18
19	59	265	1890	159	1640	1390	1790	736	915	291	288	487	19
20	56 *	340	1650	160	1480	1500	1730	718	845	285	289	475	20
21	56	855	1430	330	1370	1660 *	1800	682	813	284	293	438	21
22	57	1360	1250	1420	1250	1720	1830	617	766	279	292	422	22
23	59	1580 *	1110	13800	1060	1650	1840	642 *	697 *	287	282	405	23
24	68	1640	1030	16800	901	1570	1910	691	636	287	275 *	393	24
25	83	1430	959	14100	838	1520	1890	766	596	279	282	363	25
26	108	1270	890	13600	823	1390	1920	800	560	272 *	296	324	26
27	127	1080	782	11100	802 *	1240	1990	829	535	271	310	311 *	27
28	142	982	707	13100	754	1100	2050	855	497	293	313	301	28
29	155	1080	651	15800		982	2200	894	455	306	307	282	29
30	157	1270	610	23300		890	2280	955	399	305	309	268	30
31	154		575	39000		869	1030			314	306		31
MEAN	84.4	554	6059	5421	13369	936	1803	1123	1027	294	293	368	
MAX.	157	1640	19000	39000	64500	1720	2320	2180	1470	334	318	487	
MIN.	56	147	575	159	754	313	948	617	399	271	272	268	
AC. FT.	5191	32990	372600	333300	742500	57530	107300	69060	61120	18070	18000	21890	

WATER YEAR SUMMARY

E - ESTIMATED
NR - NO RECORD
* - DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY
- E AND *

MEAN DISCHARGE	DISCHARGE	MAXIMUM GAGE HT.	MO	DAY	TIME	MINIMUM DISCHARGE	GAGE HT.	MO	DAY	TIME
2541	66420	57.89	2	2	1045	66	39.48	10	4	

TOTAL ACRE FEET
1840000

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.O.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 10 05	121 53 28	NE7 15N 1E				JAN 39-DATE	NOV 34-MAY 37 #	1934		0.00	USED
Station located on right bank .5 mi. upstream from Farmland Road 1.7 mi. NE of Meridian. Tributary to Sutter Bypass. Flow affected by gate operation. Flow during summer months is made up almost entirely of return water from land irrigated by Feather River diversions. During flood periods, Sacramento River water enters Butte Basin above Butte City from bank spill and spill over Moulton and Colusa Weirs.											

* Replaces Butte Slough at Mawson Bridge station.

- Flood season only.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

DAY	WATER YEAR		STATION NO.	STATION NAME									
	1967	A05929		WADSWORTH CANAL NEAR SUTTER									
1	55	60	140	46	610	43	167	57	347	53	102	137	1
2	69	29	267	44	405	46	132	79	443	53	143	147	2
3	71	62	466	42	298	44	165	92	418	52	148	160	3
4	64	58	305	41	187	43	185	96	374	42	141	137	4
5	72	71	690	41	219	41	213	138	364	50 *	146	147	5
6	74	79	669	39	165	20	544	165	367	57	121	175	6
7	90	109	434	38	160	33	685	110	311 *	64	159	188	7
8	89	87	307	38	143	35	367	85	279	55	147	170	8
9	98	61	233	38 *	123	35	231	121	253	64	126	187	9
0	96	52	204	39	99	33 *	187	106	283	73	133	190	10
1	123	28	175	38	55	39	193	128	294	79	146 *	276 *	11
2	117	104	146	37	51	56	157	101	254	108	175	274	12
3	98	19	132	38	84	59	135	86	242	129	185	284	13
4	104	70	109	39	111	72	122	116	204	122	179	281	14
5	87	46	84	40	94	55	128	76	194	116	154	285	15
6	93	65	76	42	87	84	121	5.7	173	132	153	278	16
7	96 *	63	93	43	82	108	120	3.3 *	147	129	175	236	17
8	105	56	87	44	79	82	130	2.6	158	128	150	233	18
9	89	64	83	46	74	74	119	2.2	149	108	136	255	19
0	67	286	79	75	68	70	116	2.6	130	103	140	224	20
1	61	236	71	190	64	69	198	20	149	80	166	184	21
2	59	139 *	69	1143	61	65	164	92	138	99	143	180	22
3	52	103	65	844 *	57	64	134	108	99	116	126	155	23
4	49	86	64	711	57 *	36	207	133	86	126	145	147	24
5	52	74	63	496	59	52	153	138	81	115	207	133	25
6	54	65	58	415	55	52	129	120	94	109	177	136	26
7	71	59	53	478	54	57	123	157	126	112	182	132	27
8	67	82	53	757	49	64	116	206	79	108	165	129	28
9	67	246	52	1053	75	104	200	65	109	165	114	146	29
0	61	165	50	1238	97	134	97	174	53	96	174	146	30
1	62	49	49	977	267	212	212	137			165		31
AN	78	91	175	315	131	65	188	102	212	94	154	191	
IX.	123	286	690	1238	618	267	635	212	443	137	207	255	MEAN
N.	49	19	49	37	49	20	97	2.0	53	42	102	114	MAX.
FT.	4784	5403	10770	19340	7256	3981	11190	6273	12600	5800	9469	11340	MIN. AC.FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	DISCHARGE	MAXIMUM GAGE HT.	DISCHARGE	MINIMUM GAGE HT.	TOTAL ACRE FEET
150	NR	MO DAY TIME	NR	MO DAY TIME	108200

- ESTIMATED
R - NO RECORD
- DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY
- E AND *

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 09 12	121 44 00	NE15 15N 2E		51.19	12/25/64	MAR 61-DATE	MAR 61-DATE	1961		0.00	USED

Station located at South Butte Road Bridge, 0.9 mi. E of Sutter. Tributary to Sutter Bypass. This station and one 2.2 mi. downstream are used to determine the slope for rating of canal. This flow and flow of Butte Slough to Sutter Bypass make up entire Feather River contribution to the Sutter Bypass. Prior records, January 1939 to March 1961, available at a site approximately 0.3 mi. upstream.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A05921	STATE PUMPING PLANT #2 DRAINAGE TO SUTTER BYPASS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1								26	267	139	140	195	1
2								25	366	100	132	193	2
3								26	326	109	138	189	3
4								26	290	117	148	182	4
5								26	307	116	149	186	5
6								32	293	119	136	192	6
7								35	242	117	138	194	7
8								46	224	119	153	201	8
9								36	244	128	159	200	9
10								43	231	126	156	190	10
11								52	193	115	147	175	11
12								54	175	110	154	173	12
13								52	170	111	160	180	13
14								52	188	117	165	175	14
15								12	153	117	170	171	15
16								9.0	148	117	181	163	16
17								34	139	116	179	156	17
18								34	145	130	179	162	18
19								22	132	129	183	144	19
20								15	120	136	189	118	20
21								38	65	142	188	109	21
22								63	83	144	183	89	22
23								33	74	137	188	80	23
24								93	77	134	189	64	24
25								188	80	131	189	58	25
26								188	76	138	173	56	26
27								211	82	140	180	70	27
28								237	92	142	183	50	28
29								222	59	137	176	42	29
30								199	83	145	171	41	30
31								246	145	145	181	31	
MEAN								76.6	171	125	166	140	
MAX.								246	366	145	189	201	
MIN.								9.0	59	89	132	41	
AC. FT.								4711	10160	7682	10190	8327	

WATER YEAR SUMMARY

E - ESTIMATED
NR - ND RECORD
* - DISCHARGE MEASUREMENT OR OBSERVATION
DF ND FLOW MADE THIS DAY
- E AHD*

MEAN DISCHARGE	MAXIMUM DISCHARGE				MINIMUM DISCHARGE				TOTAL ACRE FEET
DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME

MEAN
MAX.
MIN.
AC FT.

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LDNGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FRDM	TO		
39 01 34	121 43 32	SW26 14N 2E					MAY 67-DATE				
Plant located on east levee at west end of O'Banion road, 9.8 mi. SW of Yuba City. This is drainage returned by pumping and gravity.											

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A05922	RECLAMATION DISTRICT 1660 DRAINAGE TO SUTTER BYPASS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	5.6	29	1
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	5.9	30	2
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	11	34	3
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	8.8	26	4
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	7.9	26	5
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	7.4	26	6
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	11	26	7
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.6	7.5	25	8
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.6	8.1	17	9
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	8.4	16	10
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	8.2	17	11
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	9.6	16	12
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	9.4	16	13
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	8.8	31	14
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	8.8	25 *	15
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	5.0	37	16
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.4	26	17
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.6	20	18
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	7.9	21	19
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.7	19	20
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	11	4.9	21
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1	10	15	22
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	10	16	23
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	6.2	13	24
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	5.9	11	15	25
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	5.8	11	19	26
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	5.9	9.9	17	27
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	6.2	9.8	15	28
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	7.9	14	12	29
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	10	25	9.2	30
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	27		31
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	7.3	9.9	20.7	MEAN
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	10	27	37	MAX
MIN.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	5.0	4.9	MIN
AC. FT.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51	451	611	1230	AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM DISCHARGE				MINIMUM DISCHARGE				
DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME

TOTAL ACRE FEET
2344

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T & R. M.O.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 01 57	121 44 33	NW27 14N 2E				MAY 54-DATE				0.00	US ED

Plant located 9.9 mi. SW of Yuba City, 8.5 mi. E of Grimes. This is drainage returned by gravity.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A02963	RECLAMATION DISTRICT 1660 DRAINAGE TO TISDALE BYPASS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	21	23	44	31	210	31	28	46	132	39	42	43	1
2	22	22	39	32	205	30	23	47	137	39	46	49	2
3	21	22	66	35	205	26	21	43	137	39	42	45	3
4	20	26	77	31	187	32	9.9	56	123	40	42	41	4
5	20	25	94	30	167	33	17	14	137	53	45	41	5
6	20	25	141	29	157	32	31	27	132	52	38	42	6
7	18	28	135	28	126	34	53	35	115	41	36	45	7
8	19	25	110	28	135	29	60	33	136	42	38	45	8
9	19	21	104	30	135	29	52	37	103	43	41	43	9
10	19	28	86	28	105	26	21	55	100	46	42	44	10
11	18	22	96	28	94	30	49	16	100	42	41	47	11
12	18	25	96	28	94	29	47	36	100	43	38	48	12
13	18	25	92	28	69	29	35	31	86	43	52	45	13
14	18	25	78	27	69	18	41	25	75	43	49	43	14
15	18	23	72	28	65	19	36	29	81	32	38	* 38	15
16	18	28	68	26	64	24	41	40	64	41	48	35	16
17	18	25	68	26	62	54	35	40	54	36	48	32	17
18	18	24	57	27	60	48	35	55	54	40	45	28	18
19	22	22	55	26	56	37	40	53	58	38	50	27	19
20	22	33	49	27	34	39	36	42	50	43	46	25	20
21	20	34	50	29	43	39	50	52	51	42	52	22	21
22	20	20	33	116	40	36	59	67	68	50	48	22	22
23	19	21	41	138	43	36	60	70	68	19	45	21	23
24	19	25	44	132	40	33	63	66	23	44	47	18	24
25	19	25	32	138	40	35	64	73	40	45	37	18	25
26	19	23	40	138	32	29	62	83	28	50	53	17	26
27	19	21	30	138	35	27	57	81	41	42	53	17	27
28	19	31	31	184	32	27	54	71	46	44	51	17	28
29	35	33	27	230		30	58	75	50	45	50	17	29
30	25	42	32	220		28	45	62	25	44	48	17	30
31	23	31	31	220		27	100			40	43		31
MEAN	20.1	25.8	65.1	72.8	93.0	31.5	43.8	50.3	80.5	41.9	45.2	33.1	MEAN
MAX.	35	42	141	230	210	54	64	100	137	53	53	49	MAX
MIN.	18	20	31	26	32	18	10	14	23	19	36	17	MIN
AC. FT.	1235	1533	4001	4477	5164	1934	2609	3092	4788	2577	2780	1972	AC.FT

WATER YEAR SUMMARY

E - ESTIMATED
NR - NO RECORD
* - DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY
- E AND *

MEAN DISCHARGE	DISCHARGE	MAXIMUM GAGE HT.	MO.	DAY	TIME	MINIMUM DISCHARGE	GAGE HT.	MO.	DAY	TIME
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TOTAL ACRE FEET
36160

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D & B.M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 01 44	121 46 53	SE30 14N 2E						JAN 25	DATE		
Plant located on north levee of Tisdale Bypass, 2.1 mi. E of Tisdale Weir, 6.8 mi. SE of Grimes. This is drainage returned by pumping and gravity.											

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967	A02926	RECLAMATION DISTRICT 1500 DRAINAGE TO SACRAMENTO SLough	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	21	0.0	1/2	122	1090	136	111	230	375	231	170	342	1
2	21	21	442	97	614	112	102	228	826	228	170	367	2
3	0.0	40	249	106	458	105	110	218	756	221	286	366	3
4	0.0	41	570	95	418	105	111	215	942	206	264	346	4
5	49	0.0	240	62	352	89	115	201	543	195	187	362	5
6	57	0.0	681	72	357	89	182	176	511	222	264	420	6
7	21	0.0	533	75	356	97	149	176	491	151	275	476	7
8	21	80	356	77	356	89	140	161	444	190	299	491	8
9	12	33	337	73	334	89	140	247	356	210	248	491	9
10	30	16	300	73	313	97	163	188	321	198	217	491	10
11	85	20	505	71	292	97	140	215	293	193	217	557	11
12	99	0.0	238	61	283	125	124	235	236	210	202	662	12
13	70	0.0	312	63	227	120	124	235	330	222	217	634	13
14	0.0	0.0	280	61	253	92	120	356	348	206	246	512	14
15	0.0	58	280	61	230	111	124	317	322	204	248	430	15
16	0.0	55	237	59	244	191	125	317	310	198	248	390	16
17	0.0	38	235	41	258	186	188	317	255	185	275	331	17
18	20	24	225	33	187	180	175	316	235	173	275	291	18
19	29	16	203	41	223	202	178	415	227	481	248	306	19
20	29	246	180	53	117	180	185	313	231	97	233	243	20
21	0.0	127	174	427	117	181	279	857	235	110	217	200	21
22	0.0	145	174	1590	131	182	184	587	209	99	202	161	22
23	0.0	86	174	276	119	159	433	597	220	204	233	161	23
24	0.0	103	159	233	131	145	252	615	216	25	264	152	24
25	0.0	84	139	1460	144	146	244	613	216	0.0	299	132	25
26	0.0	85	140	781	132	146	245	608	213	0.0	299	112	26
27	0.0	77	120	649	120	124	243	493	225	0.0	248	102	27
28	0.0	259	129	666	181	121	245	771	227	0.0	235	102	28
29	0.0	193	129	1520	114	223	431	241	0.0	297	102	29	29
30	0.0	162	125	968	123	223	772	247	0.0	297	92	30	30
31	29	97	1250	1250	127	547	547	0.0	0.0	297	0.0	31	31
MEAN	19.1	67.0	262	362	287	131	179	386	355	151	248	327	MEAN
MAX.	99	259	681	1590	1090	202	433	857	942	481	299	662	MAX.
MIN.	0.0	0.0	97	33	117	89	102	161	209	0.0	170	92	MIN.
AC. FT.	1176	3985	16130	22290	15940	8053	10670	23740	21130	9310	15230	19490	AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE 231	MAXIMUM DISCHARGE	GAGE HT.	MO.	DAY	TIME	MINIMUM DISCHARGE	GAGE HT	MO	DAY	TIME	TOTAL ACRE FEET 167100
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LOCATION			MAXIMUM DISCHARGE				PERIOD OF RECORD				DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM			
			CFS	GAGE HT.	DATE			FROM	TO					
38 47 05	121 39 18	NE20 11N 3E				APR 30-OCT 38 8								
						JAN 30-DATE								

Plant located on west levee of Sutter Bypass, 3.7 mi. SE of Knights Landing. This is drainage returned by pumping and gravity.

8 - Irrigation season only.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967		A02925	SACRAMENTO SLOUGH AT SACRAMENTO RIVER

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	263	276	F	891	F	1210	1800	F	F	883	716	1100	1
2	260	168	F	848	F	1070	1550	F	F	588	636	1060	2
3	328	70	F	740	F	857	1620	F	F	838	378	1030	3
4	280	73	F	612	F	1150	2090	F	F	666	492	1030	4
5	155	222	F	533	F	1120	1010	F	F	626	682	1090	5
6	154	194	F	612	F	1030	2100	F	F	745	657	1160	6
7	203	230	F	582	F	963	F	F	F	810	666	1270	7
8	184	436	F	549	F	913	F	F	F	867	682	1310	8
9	195	279	F	471	F	890	F	F	F	705	715	1330	9
10	141	316	F	401	F	864	F	F	F	719	740	1320	10
11	0.0	211	F	328	F	790	F	F	F	704	750	1340	11
12	0.0	142	F	335	F	1130	F	F	F	715	803	1470	12
13	63	97	F	369	F	0.0	F	F	F	661	820	1590	13
14	238	216	F	300	F	670	F	F	F	861	900	1520	14
15	241	533	F	228	F	1160	F	F	F	647	900	1470	15
16	206	489	F	223	F	1880	F	F	F	709	900	1470	16
17	190	0.0	F	257	F	F	F	F	F	735	918	1420	17
18	82	0.0	F	284	F	F	F	F	F	639	831	1340	18
19	83	0.0	F	245	F	F	F	F	F	967	846	1380	19
20	84	1170	F	276	F	F	F	F	F	411	857	1210	20
21	154	2080	F	3410	F	2640	F	F	F	561	887	1140	21
22	212	1640	F	2790	F	2370	F	F	F	2260	669	887	22
23	190	2180	F	2240	F	2050	F	F	F	1940	735	882	23
24	124	2280	F	1930	F	2120	F	F	F	1800	580	882	24
25	140	2120	F	1630	F	1790	F	F	F	1450	577	830	25
26	126	639	F	1520	F	1380	F	F	F	1250	556	887	26
27	142	1370	F	1230	F	1220	F	F	F	968	678	924	27
28	126	1660	F	1130	F	1050	F	F	F	1420	644	956	28
29	198	1620	F	962	F	F	F	F	F	1150	603	934	29
30	148	0.0	F	966	F	2570	F	F	F	1100	657	914	30
31	63	919	F	NR	NR	2090	F	F	F	673	1000	672	31
MEAN	160	690	NR	NR	NR	NR	NR	NR	NR	691	802	1157	MEAN
MAX.	328	2280	NR	NR	NR	NR	NR	NR	NR	967	1000	1590	MAX.
MIN.	0.0	0.0	NR	NR	NR	NR	NR	NR	NR	411	378	672	MIN.
AC. FT.	9864	41080	NR	NR	NR	NR	NR	NR	NR	42500	49330	68870	AC. FT.

WATER YEAR SUMMARY

E - ESTIMATED
NR - NO RECORD
* - DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY
- E AND *

MEAN DISCHARGE	DISCHARGE	MAXIMUM GAGE HT.	MO.	DAY	TIME	DISCHARGE	MINIMUM GAGE HT.	MO.	DAY	TIME
NR	NR					NR				

TOTAL ACRE FEET
NR

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.O.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 46 52	121 38 27	SE21 11N 3E				JUN 24-OCT 39 8	APR 45-DEC 46 8				
						JAN 40-DATE	APR 47-DATE				

Station located 0.5 mi. above mouth, 4.6 mi. SE of Knights Landing. During low flows this represents combined flows of Sutter Bypass and Reclamation District 1500. During high flows (above gage ht. 29.0 +) the slough is entirely submerged as it lies within the bypass area. Sharp rises in the Sacramento River cause zero or negative flow.

A - An undetermined amount of negative flow.
F - Flooded
S - Irrigation season only.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
	1967	A55525	LITTLE LAST CHANCE CREEK BELOW FRENCHMAN DAM

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.4	2.1	2.0	43	59	1
2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	51	50	2
3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	59	50	3
4	2.0	2.0	2.0	2.0	2.0	2.0	2.1	1.9	2.0	2.0	61	50	4
5	2.0	2.0	2.0	2.0	2.0	2.0	2.2	1.9	2.0	2.0	64	36	5
6	2.0	2.0	2.0	2.0	2.0	2.0	2.2	1.9	2.0	2.0	82	26	6
7	2.0	2.0	2.0	2.0	2.0	2.0	2.2	1.9	2.0	2.0	90	26	7
8	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	95	26	8
9	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	119	26	9
10	2.0	2.0	2.0	2.0	2.0	2.0	2.5	2.0	2.0	2.0	119	26	10
11	2.0	2.0	2.0	2.0	2.0	2.0	2.8	2.0	2.0	2.0	119	26	11
12	2.0	2.0	2.0	2.0	2.0	2.0	2.8	2.0	2.0	78	119	26	12
13	2.0	2.0	2.0	2.0	2.0	2.0	2.9	2.0	2.0	10	119	26	13
14	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	14	119	26	14
15	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	18	119	26	15
16	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	26	116	33	16
17	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	29	117	40	17
18	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	29	117	40	18
19	2.0	2.0	2.0	2.0	2.0	2.0	3.0	1.9	2.0	31	117	31	19
20	2.0	2.0	2.0	2.0	2.0	2.0	2.8	1.8	2.0	33	89	26	20
21	2.0	2.0	2.0	2.0	2.0	2.0	2.8	1.8	2.0	33	60	26	21
22	2.0	2.0	2.0	2.0	2.0	2.0	2.8	1.8	2.0	33	69	16	22
23	2.0	2.0	2.0	2.0	2.0	2.0	2.8	1.9	2.0	33	74	9.9	23
24	2.0	2.0	2.0	2.0	2.0	2.0	2.8	2.2	2.0	33	92	9.9	24
25	2.0	2.0	2.0	2.0	2.0	2.0	2.8	2.2	2.0	33	99	9.9	25
26	2.0	2.0	2.0	2.0	2.0	2.0	2.9	2.3	2.0	33	99	6.8	26
27	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.3	2.0	33	99	5.4	27
28	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.3	2.0	36	99	5.4	28
29	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.3	2.0	38	83	5.4	29
30	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.3	2.0	41	74	5.4	3D
31	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0	43	74	31	
MEAN	2.0	2.0	2.0	2.0	2.0	2.0	2.7	2.0	2.0	19.6	92.1	25.8	MEAN
MAX.	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.4	2.1	43	119	59	MAX.
MIN.	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	2.0	2.0	43	5.4	MIN.
AC. FT.	123	119	123	123	111	123	158	126	119	1208	5665	1537	AC.FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM				MINIMUM				TOTAL ACRE FEET		
13.2	DISCHARGE	GAGE HT	MO	DAY	TIME	DISCHARGE	GAGE HT.	MO	DAY	TIME	9535
120	3.52	8	8	1930		1.8	1.47	5	19	1400	

LOCATION			MAXIMUM DISCHARGE				PERIOD OF RECORD				DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	DF RECORD				DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF DATUM		
			CFS	GAGE HT	DATE				FROM	TO				
49° 57' 36"	120° 11' 17"	NE35 24N 16E	17	.	10 6	NOV 61-DATE	NOV 61-DATE	1961	1460.00	000 CGD				

Station located at toe of Frenchman Dam, 7.1 mi. N of Chilcotin. Flow regulated by Frenchman Lake. At times, extremely heavy precipitation, off the face of the dam entering below the measuring weir, contributes additional flow.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
	1967	A55520	LITTLE LAST CHANCE CREEK NEAR CHILCOOT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	2.3	2.1	3.4 E	2.5 E	5.2	4.5	5.2	62	283 E	52	44	63	1
2	1.9	2.3	3.6	2.5 E	4.3	4.8	4.5	65	259 E	46	50	52	2
3	1.9 *	2.3	3.7	2.5 E	4.3	4.8	4.5	75	239 E	40	60	50	3
4	1.9	2.3	3.4	2.5 E	4.1	4.3	4.3	90 *	223 E	34	62	50	4
5	1.9	2.3	4.5 *	2.5 E	4.1	4.1	4.3	116	216 E	30	65	35	5
6	1.9	2.5	3.6	2.5 E	4.1	4.1	4.3	130	213 E	27	81	25	6
7	1.9	2.5	3.3	2.5 E	4.1	4.1	4.5	159	206 E	24	93	24	7
8	1.9	2.5	3.2	2.5 E	4.1	4.1	4.8	205 *	198 E	22	95	24	8
9	1.9	2.3	3.1	2.5 E	4.1	4.8	5.5	264	196 E	19	124	24	9
10	1.9	2.3	3.2	2.8	4.1	5.2	5.8	298 E	198 E	18	124	25	10
11	1.9	2.3	3.2	2.7	4.1	4.8	6.2	291 E	193 E	16	124	25	11
12	1.9	2.3	3.2	2.7	4.8	5.5	6.2 *	288 E	216 E	18	121	25	12
13	1.9	2.3	3.3	2.7	5.8	5.5	6.9	267	244 E	16	121	25	13
14	1.9	2.3	3.3	2.7	5.8	4.1	7.7	257	235	21	121	25	14
15	1.9	2.3	3.2	2.7	5.2	4.0	7.3	271	223	25	121	25	15
16	1.9	2.9	3.2	2.7	4.3	24	6.9	298 E	211	31	121	31	16
17	1.9	2.3	3.1	2.6	4.3	22	7.3	363 E	196	35	121	41	17
18	1.9	2.4 *	3.1	2.7	4.3	15	7.3	413 E	183	32	121	41	18
19	1.9	2.3 E	2.9	2.7	4.3	12	7.7	453 E	172	32	121	31	19
20	1.9	4.5 E	2.9	2.8	4.1	11	12 *	476 E	164	35	90	25	20
21	1.9	3.0 E	2.9	3.7	4.0	11	20 *	490 E	152	35	62	25	21
22	1.9	2.2 E	2.5 E	3.8	3.8	10	28	514 E	136	35	69	15	22
23	1.9	2.0 E	2.5 E	4.0	3.8	10	35 *	524 E	124	35	75	8.2	23
24	1.9	2.0 E	2.5 E	3.8	3.8	9.1	43	509 E	108	35	90	8.2	24
25	2.1	2.0 E	2.5 E	3.6	3.8	8.2	47 *	481 E	95	35	102	8.6	25
26	2.1	2.0 E	2.5 E	3.6	3.7	7.3	50	444 E	86	35	102	6.2	26
27	2.1	2.0 E	2.5 E	3.7	3.8	6.9	56	409 E	77	35	102	4.3	27
28	2.1	3.5 E	2.5 E	4.1	4.1	6.9	58 *	379 E	69	37	102	4.3	28
29	2.1	3.0 E	2.5 E	11		6.5	60	343 E	63	39	86	4.3	29
30	2.1	2.5 E	2.5 E	7.7		5.8	62	308 E	56	43	77	4.3	30
31	2.1	2.5 E	2.5 E	6.2		5.5	292 E			44	77		31
MEAN	2.0	2.4	3.0	3.5	4.3	7.7	19.4	308	174	31.6	94.3	25.1	MEAN
MAX.	2.3	4.5	4.5	11	5.8	24	62	524 E	283 E	52	124	63	MAX.
MIN.	1.9	2.0 E	2.5 E	2.5 E	3.7	4.0	4.3	62	56	16	44	4.3	MIN.
AC.FT.	120	146	187	213	239	476	1155	18910	10380	1946	5800	1496	AC.FT.

WATER YEAR SUMMARY

MEAN	MAXIMUM DISCHARGE					MINIMUM DISCHARGE					TOTAL
DISCHARGE	DISCHARGE	GAGE HT.	MO	DAY	TIME	DISCHARGE	GAGE HT.	MO	DAY	TIME	ACRE FEET
56.7	544	5.50	5	23	0500	1.9	3.22	10	3	1200	41070

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T & R M.D.B & M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 52 00	120 10 05	NE10 23N 16E				4/40-7/54 0 7/54-DATE	4/40-7/54 0 7/54-DATE	1954	1959	0.00 0.00	LOCAL LOCAL

Station located 300 ft. below county road bridge, 5.0 mi. N of Chilcoot. Tributary to Middle Fork Feather River. Stage-discharge relationship at times affected by ice. Drainage area is 84.2 sq. mi.

Ø - Maintained by watermaster service for irrigation season only

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A55620	SMITHNECK CREEK NEAR LOYALTON

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		4.5A											1
2		8.4A											2
3													3
4													4
5													5
6		4.4A			15.5A					11.0A			6
7											6.0A		7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16		4.5A				140 A	20.7A						16
17		5.0A											17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN MAX. MIN. AC. FT.													MEAN MAX. MIN. AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE NR	MAXIMUM				MINIMUM				TOTAL ACRE FEET		
	DISCHARGE NR	GAGE HT.	MO.	DAY	TIME	DISCHARGE NR	GAGE HT.	MO.	DAY	TIME	

E - ESTIMATED
NR - NO RECORD
* - DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY
- E AND *

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967		A55720	MILLER CREEK NEAR SATTLEY

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY	
1	5.1	4.2	11 *	4.4	9.6	6.5	7.8	7.5	40	94	19	10	1	
2	4.8	4.2	10	4.0 E	8.6	6.5	7.5	7.8	37	92	19	10	2	
3	4.8	4.2	11	4.5 E	8.3	6.5	7.2	8.0	39	87	19	10	3	
4	4.8	4.2	9.1	5.1	7.8	6.3	7.2	8.8	42	82	18	12	4	
5	4.8	4.2	12	6.0	7.5	6.0	7.5	8.6	50	77	18	11	5	
6	5.1	4.6	11	4.0 E	7.2	5.5	7.2	9.1	52	72	17	10	6	
7	4.8	4.6	8.6	4.5 E	7.2	5.5	7.0	13	57	67	17	9.6	7	
8	4.6	4.6	7.8	4.5 E	7.0	5.8	7.0	18	60	64	16	9.4	8	
9	4.4	4.4	7.5	4.5 E	6.8	5.8	7.2	23	62	61	16	9.4	9	
10	4.0	4.6	7.2	5.1	6.8	5.8	7.5	19	65	57	16 *	9.1	10	
11	4.0	4.8	7.0	4.8	6.8	6.0	7.2	14	66	54	16	8.8	11	
12	3.8	4.8	6.5	5.1	6.8	13	7.2	13	76	52	15	8.6 *	12	
13	3.8	5.1	6.8	5.1	7.0	31	7.2	13	72	49	15	8.6	13	
14	4.0	7.2	6.5	5.1	6.8	21	7.5	17	70	47	14	8.6	14	
15	4.0	12	6.3	5.1	6.8	5.8	7.5	23	75 E	45	14	8.3	15	
16	4.2	22	6.3	5.1	6.8	35	7.2	30	80 E	45	14	8.3	16	
17	4.2 *	8.8	6.0	5.0 E	6.8	39 *	7.2 *	36	85 E	43	13	8.6	17	
18	4.2	7.2	5.8	5.0 E	6.5	20	7.2	40	90 E	40	13	12	18	
19	4.2	9.0	5.8	5.1	6.5	15	7.2	43	90 E	38	13	9.4	19	
20	4.4	18	5.8	5.1	6.3	12	7.0	50	90 E	36	12	8.6	20	
21	4.4	7.0 E	5.5	7.8	6.3 E	11	7.2	61	90 E	34	12	8.0	21	
22	4.4	6.0 E	5.5	5.5 E	6.3 E	11	7.2	63	*	90 E	32	12	7.8	22
23	4.4	4.0 E	5.3	4.5 E	6.0	11	7.2	67	90 E	31	12	7.8	23	
24	4.4	4.0 E	5.3	5.0 E	6.0	9.9	7.2	71	90 E	29	12	7.8	24	
25	4.4	3.5 E	5.0 E	5.3	6.0	9.6	7.2	67	95 E	28	14	7.8	25	
26	4.4	4.0 E	4.5 E	6.3	6.0	9.1	7.2	68	95 E	26	14	7.2	26	
27	4.4	6.0	4.5 E	7.2	6.0	8.8	7.2	70	95 E	25	12	7.2	27	
28	4.2	17	4.0 E	7.5	6.3 *	8.6	7.2	69	96 E	24	12	7.2	28	
29	4.2	19	4.0 E	18		8.3	7.2	66	94 #	22	11	7.2	29	
30	4.2	10	4.0 E	16 *		8.0	7.2	59	97	21	11	7.2	30	
31	4.2		4.2	12		7.8		50		20	11		31	
MEAN	4.4	7.4	6.8	6.2	6.9	11.6	7.2	35.9	74.3	48.1	14.4	8.9	MEAN	
MAX.	5.1	22	12	18	9.6	39	7.8	71	97	94	19	12	MAX	
MIN.	3.8	3.5 E	4.0 E	4.0 E	6.0	5.5	7.0	7.5	37	20	11	7.2	MIN	
AC.FT.	269	443	416	381	382	716	431	2207	4423	2963	887	527	AC.FT.	

WATER YEAR SUMMARY

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 # - E AND *

MEAN DISCHARGE	MAXIMUM DISCHARGE				MINIMUM DISCHARGE					
19.4	DISCHARGE	GAGE HT.	MO	DAY	TIME	DISCHARGE	GAGE HT.	MO	DAY	TIME

TOTAL ACRE FEET
14050

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R M.O.B & M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 36 03	120 25 19	NE 9 20N 14E	351 E	4.56	12/23/64	5/40-9/54 # 9/54-DATE	5/40-9/54 # 9/54-DATE	1954	1958	0.00	LOCAL LOCAL
Station located 0.2 mi. W of State Highway 89, 1.0 mi. S of Sattley. Tributary to Middle Fork Feather River. State-discharge relationship at times affected by ice. Drainage area is 7.6 sq. mi.											
# - Maintained by watermaster service for irrigation season only.											

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A55380	BIG GRIZZLY CREEK NEAR PORTOLA

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.1	0.1	1.2	2.4 E	5.5	5.5	5.5	5.5	9.8	5.1	9.8 E	0.5 E	1
2	0.1	0.1	7.7	2.4 E	5.5 E	5.5	5.5 E	5.9	7.2	4.0	9.8 E	0.5	2
3	0.1	0.1	24	3.1 E	5.5	5.5	5.5	6.3	6.3	4.0	9.8 E	0.5	3
4	0.1	0.1	24	4.4 E	5.5	5.1	5.5	6.8	6.3	4.0	8.3 E	0.6	4
5	0.2	0.1	27	4.4 E	5.5	5.1 E	5.5	7.7	7.7	4.0	7.0 E	0.6	5
6	0.2	0.3	14	4.4 E	5.5 E	5.1 E	5.5	8.2	7.2	4.0	7.0 E	0.5	6
7	0.2	0.2	6.6	4.4 E	5.5 E	5.1 E	5.5	10	6.3	4.0	3.3 E	0.5 E	7
8	0.2	0.2	6.0	4.4 E	5.5 E	5.1 E	5.9	13	5.5	4.0	0.6 E	0.5 E	8
9	0.1	0.2	9.7	4.4 E	5.5 E	5.1	5.9	14	5.9	4.0	2.4 #	0.5 E	9
10	0.2	0.1	10	4.4 E	5.5	5.1	5.9	12	5.9	4.0	4.6	0.5 E	10
11	0.2	0.1	10	4.4 E	5.5	5.1 E	5.5	9.8	6.3	4.0	2.4	0.5 E	11
12	0.1	0.2	7.9 E	4.4	6.3	5.1 E	5.9	9.2	7.2	2.9	8.7	0.5 E	12
13	0.1	0.2	0.6 E	4.4	6.8	5.1 E	6.3	8.7	7.2	4.0	8.2	2.3 E	13
14	0.2	0.2	0.5 E	4.4	6.3	5.1 E	6.3	9.8	6.8	3.7	9.2	7.7 E	14
15	0.2 E	1.0	0.5 E	4.4 E	5.9 E	5.1 E	5.9	11	5.9	9.4	9.2	7.7 E	15
16	0.2 E	2.6	0.5 E	4.4 E	5.9 E	12 E	5.9 E	12	5.9	4.4 E	9.2 E	7.7 E	16
17	0.2 #	2.2	0.5 E	4.4 #	5.9 E	13	5.9	14	5.5	4.0 E	9.2 E	7.7 E	17
18	0.2	1.6	0.5 E	4.4 E	5.9 E	10	5.9 E	13	5.5	5.2 E	9.2 E	7.7 E	18
19	0.1	0.4	0.5 E	4.4	5.9 E	8.2	5.9	13	5.1	4.0 E	9.2 E	7.7 E	19
20	0.1	11	1.1	4.4	5.9 E	7.7	5.9	13	5.1	5.1 #	9.2 E	7.7	20
21	0.1	25	3.7	17	5.5 E	8.2	5.5	13	6.3	10 #	4.3 E	7.7	21
22	0.1	20	2.0	36	5.1 E	8.2	5.5	13 *	7.7	10	0.5 E	7.7	22
23	0.1	13 E	2.0	22	5.1 E	8.2	5.5	14	7.7	10	0.5 E	7.7	23
24	0.1	8.0 E	2.0	9.8	5.1	7.7	5.5	14	7.2	9.8	0.5 E	7.7	24
25	0.1	6.0 E	2.2	8.2	5.1	7.2	5.5	13	7.2	9.8	0.5 E	6.3	25
26	0.1	6.0 E	2.2	6.8	5.1	6.8	5.5	12	7.2	9.8	0.5 E	4.7	26
27	0.1	6.0 E	2.2	5.1	5.1	6.8	5.5	12	7.2	9.8	0.5 E	4.7	27
28	0.1	11 E	2.4	5.1	5.1	6.8	5.5 E	11	7.2	9.8	0.5 E	4.7	28
29	0.1	27	2.4	8.2	6.3	5.5 E	11	7.2	9.8	0.5 E	5.6	29	
30	0.1	21	2.4	6.3	6.3	5.5	10	7.2	9.8	0.5 E	4.7	30	
31	0.1	2.4	5.5					12	9.8	0.5 E		31	
MEAN	0.1	5.5	5.8	6.9	5.6	6.7	5.7	10.9	6.7	6.3	5.0	4.1	MEAN
MAX.	0.2	27	36	6.8	13	6.3	14	9.8	10	9.8 E	7.7		MAX.
MIN.	0.1	0.1	0.5 E	2.4 E	5.1	5.1	5.5	5.5	5.1	2.9	0.5 E	0.5	MIN.
C.FT.	8	325	354	422	310	411	338	670	398	389	309	246	AC.FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM					MINIMUM	TOTAL				
	DISCHARGE	GAGE HT	MO	DAY	TIME	DISCHARGE	GAGE HT.	MO	DAY	TIME	ACRE FEET
5.8	89	2.86	11	21	1900	NR					4181

E - ESTIMATED
NR - NO RECORD
* - DISCHARGE MEASUREMENT OR OBSERVATION
DF - NO FLOW MADE THIS DAY
- E AND *

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	14 SEC T & R M D B & M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 52 00	120 27 20	NW7 23N 14E	4080	8.03	2,1/63	OCT 25-SEP 32	OCT 25-SEP 32			0.00	LOCAL
						OCT 50-SEP 53	OCT 50-SEP 53				
						JUN 54-DATE	JUN 54-DATE				

Station located 0.5 mi. downstream from Grizzly Valley Dam. Flow regulated by Lake Davis. Prior to October 1966 station operated by USGS. Drainage area 45.5 sq. mi.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A55420	MIDDLE FORK FEATHER RIVER NEAR PORTOLA

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.2	15	220	55 E	2990	344	563	313	1240	258	30	21	1
2	0.2	15	291	60 E	2120	359	504	306	1310	235	28	18	2
3	0.2	16	409	60 E	1390	334	448	293	1260	215	26	13	2
4	0.2	17	511	64 E	1060	268	396	283	1100	194	25	13	4
5	0.2 *	17	537	66 E	796	255	366	293	996	173	21	13	5
6	0.2	19	351	60 E	611	249	337	334	890	157	18	12	6
7	0.2	20	533	58 E	540	240	355	385	785	146	*	17	7
8	0.2	21	541	50 E	499	235	381	428	757	139	14	10	8
9	0.2	22	406 *	55 E	473	229	366	504	692	128	13	10	9
10	0.1	22	344	60 E	465	229	327	671	656	118	12 *	14	10
11	0.2	23	303	60 E	461	210 E	296	983	596	112	9.5	18	11
12	0.2	23	264	64 E	499	170 E	296	1210	606	107	8.6	18	12
13	0.2	23	220	68 E	703	120 E	290	1090	730	101	8.1	18	12
14	0.2	23	194	70 E	831	130 E	293	927	813	91	9.0	18	14
15	0.2	26	194	70 E	651	200 E	283	808	884	82	9.0	18	15
16	0.3	34	209	70 E	473	660	280	774	854	81	8.6	18	16
17	0.2	38	186	70 E	448	280	837 *	802	72	72	8.6	18	17
18	0.3	41	148	72 E	436	8750	310	878	697	66	8.1	22	18
19	0.2	48	110 E	74 E	440	5780	373	1020 *	611	60	8.6	24	19
20	0.3	54	100 E	76	337	3050	420	1170	553	56	10	32	20
21	0.3	55	86 E	197	310	1970	396	1290	499	58	13	31	21
22	0.3	70 E	73 E	870	296	1530	408	1360	478	54	17	29	22
23	0.7	85 E	80 E	2620	290	1260	385	1420	448	52	22	29	23
24	6.7	80 E	80 E	2060	300	1140	370 *	1490	412	50	24	32	24
25	8.8	60 E	73 E	1060	350	1020	381	1550	404	48	23	40	25
26	8.8	54 E	67 E	636	348	825	370	1500	400	45	17	36	26
27	9.8	45 E	63 E	491	341	697	337	1420	377	42	12	35	27
28	11	56	60 E	587	341 *	631	341	1270	344	38	10	40	28
29	12	98	55 E	1420 *	572	348	1120	303	36	13	36	29	29
30	13	167	52 E	5080 *	606	341	1040	274	34	16	29	20	30
31	14	52 E	52 E	4250 *	596	1090	1090	32	32	18			31
MEAN	2.9	42.9	220	663	671	1146	361	905	692	99.4	15.4	22.5	MEAN
MAX.	14	167	541	5080	2990	8750	563	1550	1310	258	30	40	MAX
MIN.	0.1	15	52	50	290	120 E	280	283	274	32	8.1	10	MIN
AC. FT.	178	2553	13510	40770	37250	70490	21500	55650	41200	6109	946	1341	AC. FT.

WATER YEAR SUMMARY

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 - E AND *

MEAN DISCHARGE	DISCHARGE	MAXIMUM	MINIMUM
403	9300	GAGE HT. 10.34	DISCHARGE 0.2
		MO. 3	GAGE HT. 1.72
		DAY 18	MO. 10

TOTAL
ACRE FEET
291500

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE MT.	DATE			FROM	TO		
39 49 13	120 26 25	NE29 23N 14E				NOV 55-DATE	NOV 55-DATE	1965	1965	1.00	LOCAL LOCAL
Station located S of State Highway 70, 1.8 mi. NE of Portola. Stage-discharge relationship at time affected by ice.											

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967	A54470	INDIAN CREEK NEAR BOULDER CREEK GUARD STATION	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	10	11	11	11	12	12	91	57	362	76	17	12	1
2	10	10	11	11	12	12	82	60	321	70	16	12	2
3	10	10	11	11	12	12	79	67	305	65	15	12	3
4	10	10	11	11	12	12	77	76	313	58	14	12	4
5	10	10	12	11	12	12	74	89	345	54	14	12	5
6	10	11	12	11	12	12	74	106	358	49	13	12	6
7	10	11	11	11	12	12	74	136	337	48	12	12	7
8	10	11	11	11	12	12	73	187	337	44	12	12	8
9	10	10	11	11	12	12	74	248	329	42	12	12	9
10	11	10	11	11	12	12	81	290	*	333	45	11	12
11	11	10	11	11	12	12	77	261	317	45	11	12	11
12	11	10	11	11	12	16	76	227	325	42	11	12	12
13	11	10	11	11	12	26	77	205	345	40	11	12	13
14	11	10	11	11	12	34	82	208	309	36	11	12	14
15	11	11	11	11	12	34	79	238	282	34	11	12	15
16	11	11	11	11	12	68	74	309	261	42	11	12	16
17	11	10	11	11	12	128	76	103	248	47	11	12	17
18	11	10	11	11	12	153	84	488	*	232	42	13	12
19	11	11	11	11	12	149	77	537	*	215	37	11	12
20	11	11	11	11	12	137	71	560	198	34	*	11	11
21	11	11	11	14	E	12	130	68	615	182	31	11	12
22	11	11	13	E	11	134	65	726	*	167	28	11	12
23	11	11	11	12	11	145	62	769	151	26	11	12	23
24	11	11	11	12	11	147	65	783	139	24	11	12	24
25	11	11	11	12	11	136	64	726	126	23	11	12	25
26	11	11	11	12	11	125	62	633	116	22	11	12	26
27	11	11	11	12	11	114	62	566	106	20	11	12	27
28	11	11	11	12	11	112	61	515	98	20	11	12	28
29	11	11	11	16		110	60	162	89	20	12	12	29
30	11	11	11	14		104	58	413	81	19	12	12	30
31	11	11	11	13		98	385			18	12		31
MEAN	10.7	10.6	11.1	11.7	11.8	72.0	72.6	378	244	38.7	12.0	12.0	MEAN
MAX.	11	11	12	14	12	153	91	783	362	76	17	12	MAX.
MIN.	10	10	11	11	11	12	58	57	81	18	11	11	MIN.
AC. FT.	659	631	680	718	653	4427	4322	22500	14530	2382	738	712	AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE 73.1	MAXIMUM DISCHARGE 828	MAXIMUM GAGE HT. 6.31	MO.	DAY	TIME	MINIMUM DISCHARGE 1.6	GAGE HT. 3.24	MO.	DAY	TIME	TOTAL ACRE FEET 52960
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LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
40 10 00	120 36 57	SW27 27N 12E				JUN 61-DATE	JUN 61-DATE	1961		0.00	LOCAL

Station located 2.2 mi. S of Boulder Creek Guard Station, 11 mi. NE of Genesee. Tributary to East Branch North Fork Feather River. Stage-discharge relationship at times affected by ice. Flow regulated by Antelope Lake. Drainage area is 70.8 sq. mi.

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967	A54455	RED CLOVER CREEK ABOVE ABBEY BRIDGE DAMSITE	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.5	2.2	36	18 E	305 E	72 E	118	82	223	23	4.8 E	2.5	1
2	1.8	2.0	46	17 E	215 E	76 E	102	120	228	22	4.8	2.5	2
3	1.8	2.0	60	17 E	170 E	81 E	106	169	206	19	4.8	2.5	3
4	1.8	2.0	28	17 E	140 E	86 E	106	215	180	19	4.8	2.8	4
5	1.5	2.7	85	17 E	125 E	91 E	87	237	322	18	4.5	4.2	5
6	1.5	3.0	45	16 E	124 E	95 E	92	265	292	16 *	4.5	3.9	6
7	1.5	3.2	42	16 E	108 E	101 #	100	394	228	12	4.2	3.3	7
8	1.5	2.5	35	16 E	101 E	108 E	151	583	201	9.2	4.2	3.0	8
9	1.5	2.4	37 E	16 E	97 E	113 E	188	701 *	199	7.1	4.2 *	3.0	9
10	1.6	2.4	39 E	16 E	93 E	120 E	174	624	213	9.2	3.9	3.3	10
11	1.5	2.4	38 E	16 E	92 E	121 E	128	442	169	9.2	3.6	3.3	11
12	1.5	2.4	38 E	16 E	96 E	100 E	134	399 *	298	9.6	3.6	3.6	12
13	1.6	2.4	44 E	16 E	110 E	87 E	179	359	294	9.2	3.3	NR	13
14	1.6	2.4	50 E	16 E	132 E	83 E	183	391	201	8.7	3.3	NR	14
15	1.8	3.2	41 E	16 E	118 E	82 E	148	492 *	167	8.3	3.3	NR	15
16	1.9	10	37 #	16 E	106 E	920	118	621	143	33	3.0	NR	16
17	2.7 *	4.4	34 E	16 E	95 E	1420 *	124	716 *	124	25	3.0	NR	17
18	2.7	3.4	32 E	16 #	88 E	909	150	752 *	113	15	2.8	NR	18
19	1.9	3.0	30 E	17 E	83 E	555	115	703	128	11	3.6	NR	19
20	1.9	16	28 E	22 E	80 E	428	101	691	113	9.6 E	3.0	NR	20
21	1.9	6.1	27 E	61 E	77 E	469	106	686	82	NR	2.8	NR	21
22	2.0	4.9	24 E	97 E	75 E	461	90	660	69	NR	2.8	NR	22
23	2.0	4.1	23 E	80 E	73 E	536	82	576	61	NR	2.8	NR	23
24	2.0	3.8 E	21 E	63 E	71 E	369	98	475 *	53	NR	2.8	NR	24
25	2.0	3.7 E	20 E	50 E	68 E	291	82	402	46	NR	3.0	NR	25
26	2.0	3.6 E	20 E	46 E	66 E	243	85	335	40	NR	3.3	NR	26
27	2.0	3.5 E	19 E	46 E	64 E	243	92	292	36	NR	3.3	NR	27
28	2.0	10	19 E	285 E	67 E	243	91	251	32	NR	3.0	NR	28
29	2.0	72	19 E	930 E		193	77	215	30	NR	2.8	NR	29
30	2.7	32	18 E	850 E		164	70	180	27	NR	2.8	NR	30
31	2.4	18 E	530 E		143			210		NR	2.5	NR	31
MEAN	1.9	7.3	34	109	109	290	116	441	151	NR	3.5	NR	MEAN
MAX.	2.7	72	85	930 E	305 E	1420	188	752	322	NR	4.8	NR	MAX.
MIN.	1.5	2.0 E	18 E	16 E	64 E	72 E	70	82	27	NR	2.5	NR	MIN.
AC. FT.	58	432	2089	6686	6028	17857	6897	26257	8961	NR	216	NR	AC. FT.

WATER YEAR SUMMARY

E - ESTIMATED
NR - NO RECORD
* - DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY
- E AHD*

MEAN DISCHARGE	DISCHARGE	MAXIMUM GAGE HT.	MO.	DAY	TIME	MINIMUM DISCHARGE	GAGE HT.	MO.	DAY	TIME	TOTAL ACRE FEET
NR	1667	10.30	3	16	2230	1.22	2.96	10	5	0300	NR

MEAN	MAX.
NR	NR

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T & R M.D.B & M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 58 05	120 31 09	SE 4 24N 13E	3460E	11.36	12/22/64	DEC 62-DATE	DEC 62-DATE	1962		0.00	LOCAL
Station located above bridge on Forest Service road, 13 mi. E of Genesee, 11 mi. N of Portola. Stage-discharge relationship at times affected by ice. Drainage area is 87.9 sq. mi.											

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
		1967	A54750 LAST CHANCE CREEK AT DIXIE REFUGE DAMSITE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.2 *	9.5	2.0 E	54 E	33 E	40	30	71	7.2	1.2	0.0	1
2	0.0	0.2	11	2.0 E	54 E	33 E	37	38	94	6.2	0.9	0.0	2
3	0.0	0.2	13	E	2.0 E	54 E	33 E	39	90	5.7	0.6	0.0	3
4	0.0	0.2	6.6 E	2.0 E	54 E	33 E	39	70	75	5.0	0.5	0.3	4
5	0.0 *	0.2	20	2.0 E	54 E	33 E	35	71	170	4.8	0.3	0.5	5
6	0.0	0.4	20	2.0 E	44 E	33 E	36	87	132	4.4 *	0.3	0.3	6
7	0.0	0.4	13	2.0 E	44 E	33 E	36	126	105	4.0	0.2	0.2	7
8	0.0	0.3	11	2.0 E	44 E	33 E	50	188 *	100	3.8	0.2	0.1	8
9	0.1	0.3	11	2.0 E	44 E	33 E	67	250	94	3.6	0.2 *	0.1	9
10	0.1	0.3	8.3	2.0 E	44 E	33 E	63	225	82	3.3	0.2	0.1	10
11	0.1	0.3	8.3	1.5 E	36 E	33 E	46	146	63	3.1	0.1	0.1	11
12	0.1	0.3	7.4	1.5 E	36 E	33 E	53	146 *	144	3.0	0.1	0.1	12
13	0.1	0.3	8.3	1.5 E	36 E	33 E	73	107	105	2.7	0.0	0.1	13
14	0.1	0.3	10	1.5 E	36 E	35 E	63	110	63	2.4	0.0	0.1	14
15	0.1	0.7	8.0 *	1.5 E	36 E	50 E	45	138	49	2.4	0.0	0.1	15
16	0.1	3.6	6.4	1.5 E	32 E	531 E	37	184	39	3.0	0.0	0.1	16
17	0.2	1.4	5.0 E	1.5 E	32 E	657 E	41	206 *	35	3.6	0.0	0.2	17
18	0.2	0.8	5.0 E	1.5 E	32 E	370 E	52	217 *	32	2.7	0.0	0.8	18
19	0.2	0.8	5.0 E	1.5 E	32 E	217 E	39	213	30	2.1	0.0	0.5	19
20	0.3	6.2	5.0 E	9.0 E	32 E	177	36	213	27	2.0	0.0	0.4	20
21	0.2	3.0 E	3.0 E	25 E	27 E	202	36	206	23	1.7	0.0	0.3	21
22	0.3	2.2 E	3.0 E	60 E	27 E	188	32	202	20	1.4	0.0	0.3	22
23	0.3	1.9	3.0 E	50	27 #	181 #	31	184	18	1.4	0.0	0.3	23
24	0.3	1.7	3.0 E	40 E	27 E	124	35	161 *	15	1.4	0.0	0.3	24
25	0.3	1.6	3.0 E	40 E	25 E	96	33	132	13	1.3	0.4	0.3	25
26	0.3	1.4	2.5 E	100 E	33	76	35	107	12	1.1	0.8	0.3	26
27	0.2	1.4	2.5 E	491 E	33	67	33	88	11	1.0	0.3	0.2	27
28	0.2	7.3	2.5 E	457 E	33	88	31	75	9.8	0.9	0.2	0.2	28
29	0.2	27	2.5 E	788 E	33	66	28	62	8.9	1.0	0.1	0.2	29
30	0.2	10	2.5 E	520 E	53	27	49	8.0	1.0	0.1	0.2	0.2	30
31	0.2	2.5 E	254 #	46	63	63	1.0	0.0	1.0	0.0	0.0	0.2	31
MEAN	0.1	2.5	7.2	92	37.8	118 E	41.5	134	58.0	2.8	0.2	0.2	MEAN
MAX.	0.3	27.0	20.0 E	788 E	54 E	657 E	73	250	170	7.2	1.3	0.8	MAX.
MIN.	0.0	0.2	2.5 E	1.5 E	25 E	33 E	27	30	8.0	0.9	0.0	0.0	MIN.
AC. FT.	9	149	440	5688	2172	7285	2471	8221	3449	175	15	13	AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM DISCHARGE	MINIMUM DISCHARGE	TOTAL ACRE FEET
41.6	1044 E	0.0	30090

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1 4 SEC. T & R M O B & M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
40 05 21	120 22 23	SW23 26N 14E				OCT 64-DATE	JUL 63-DATE	1963		0.00	LOCAL
Station located 0.8 mi. above bridge on Forest Service road, 5.7 mi. S of Milford. Tributary to Indian Creek via Red Clover Creek. Stage-discharge relationship at times affected by ice.											

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1967	A54370	INDIAN CREEK NEAR TAYLORSVILLE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DA
1	36	50	264	110	1350	478	839	549	1650	443	100	57	1
2	37	49	348	99	1030	530	745	662	1550	408	96	56	2
3	37	49	395	104	856	548	735	810	1610	375	93	56	3
4	37	49	333	105	741	471	749	1040 *	1650	337	90	59	4
5	36	49	655	107	657	431	682	1220	1810	307	82	64	5
6	37	64	512	82	592	416	660	1290	2080	286	79	62	6
7	37	72	384	99	559	430	674	1760	1770	267	77	60	7
8	37	65	318	94	526	453	709	2400	1730	252	77 *	58	8
9	37	61	269	91	507	519	879	3060	1720	236	75	56	9
10	37	58	287	93	503	647	981	2870 *	1810	219	73	56	10
11	38	58	270	91	491	546	847	2230	1620	213	71	54	11
12	38	58	255	91	532	495	751	1970	1750	201	70	54	12
13	37	58	274	90	659	459	895 *	1820	1960	191	69	56	13
14	39	58	326	89	709	478	1000	1840	1610	180	66	54	14
15	40	72	286	89	609	459	893	2130	1480	171	66	53	15
16	40	137	251	88	582 *	2350 *	763	2590	1400	180	63	53	16
17	40	96	227	80	547	4940	775	3090	1350	242	62	56	17
18	40	80	206	89	531	3420 *	810	3470	1310	201	61	62	18
19	42	77	192	86	513	2290	812	3440	1250	174	64	61	19
20	41	241	183	123	462	1820	692	3490	1210	159	59	61	20
21	41	215	174	1240	434	1810	685	3650	1090	153	58	57 *	21
22	41	159	160	897	425	1920	650	3720	971	147	57	58	22
23	42	119	157	494	413	2040	613	3480	866	140	56	59	23
24	44	106	163	431	417	1800	630	3270	789	133	57	57	24
25	44	96	140	354	410	1540	624	2810	738	126	59	56	25
26	48	96	137	330	379	1310	593	2460	675	115	63	56	26
27	48	89	132	361	381	1150	615	2290	616	110	60	55	27
28	48 *	134	106	709	402	1260	608	2110	567	107	60	53	28
29	50	360 E	126	2700		1110	584	1910	527	105	59	54	29
20	49	335 E	125	2390 E		1000	555	1720	485	101	58	55	30
21	50	109	1830 #			920	1670	1670	100	100	58 *	55	31
MEAN	40.9	107	250	440	579	1227	735	2285	1321	206	69.0	56.9	MEAN
MAX.	50	360 E	655	2700	1350	4940	1000	3720	2080	443	100	64	MAX
MIN.	36	49	106	80	379	416	555	549	485	100	56	53	MIN
AC. FT.	2515	6367	15400	27050	32170	75450	13730	140500	76630	12650	4241	3388	AC F

WATER YEAR SUMMARY

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 # - E AND *

MEAN	MAXIMUM DISCHARGE				MINIMUM DISCHARGE				TOTAL		
DISCHARGE	DISCHARGE	GAGE HT	MO	DAY	TIME	DISCHARGE	GAGE HT.	MO	DAY	TIME	ACRE FEET
611	5780	12.03	3	17	0215	36	4.66	10	1	0015	442100

LOCATION			MAXIMUM DISCHARGE				PERIOD OF RECORD				DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC T. & R M.D.B & M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM		
			CFS	GAGE HT	DATE			FROM	TO				
40 02 54	120 48 55	NW12 25N 10E	30200E	10.65	2/1/63	4/45-8/54 E 8/54-DATE	4/45-8/54 E 8/54-DATE	1954	1963	0.00	LOCAL		

Station located 0.5 mi. above Montgomery Creek, 2.3 mi. SE of Taylorsville. Maximum discharge listed is at site and datum when in use. Drainage area is 526 sq. mi.

* - Maintained by watermaster service for irrigation season only

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1967	A56910	PALERMO CANAL AT OROVILLE DAM

AY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
					NO FLOW FOR ENTIRE YEAR								
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN MAX. MIN. C. FT.													MEAN MAX. MIN. C. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM					MINIMUM					TOTAL ACRE FEET NF
	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME	
NF	NF					NF					

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

		WATER YEAR	STATION NO.	STATION NAME
		1967	A56913	KELLEY RIDGE TURNOUT TO PALERMO CANAL NEAR OROVILLE DAM

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	20	12	5.2	5.0	5.0	5.2	5.0	0.0	22	25	28	28	1
2	20	10	5.2	5.0	5.0	5.2	5.0	0.0	22	25	28	28	2
3	20	10	5.2	5.0	5.0	5.2	5.0	* 0.0	22	26	28	28	3
4	20	10	5.2	5.0	5.0	5.2	5.0	0.0	22	27	28	28	4
5	20	10	5.2	5.0	5.0	5.2	4.8	3.1	14	27	28	28	5
6	20	10	5.2	5.0	5.0	5.2	4.8	5.0	10	27	27	27	6
7	17	7.7	5.2	5.0	5.0	5.2	4.6	5.2	10	27	28	27	7
8	16	6.0	5.2	5.0	5.0	5.2	4.8	5.2	10	27	27	27	8
9	16	6.0	5.2	5.0	5.0	5.2	4.8	5.2	10	27	28	27	9
10	16	6.0	5.0	5.0	4.8	5.2	4.8	5.2	10	27	28	27	10
11	16	6.0	5.0	5.0	4.8	5.2	4.8	5.0	10	27	*	28	11
12	16	6.0	5.0	5.0	4.8	5.2	4.8	5.0	13	27	28	27	12
13	16	6.0	5.0	5.0	4.8	5.2	4.8	5.0	16	27	28	27	13
14	15	6.0	5.0	5.0	4.8	5.2	4.8	5.0	16	27	28	27	14
15	15	6.0	5.0	5.0	4.8	5.2	4.8	5.0	16	27	28	27	15
16	15	5.2	5.0	5.0	4.8	5.0	4.8	5.2	16	27	28	27	16
17	15	5.0	5.0	5.0	4.8	5.0	4.8	5.2	16	27	28	27	17
18	15	5.0	5.0	5.0	4.8	5.0	4.8	8.4	16	27	28	27	18
19	15	5.0	5.0	5.0	4.8	4.8	4.8	10	16	27	28	27	19
20	15	5.0	5.0	5.0	4.8	4.8	1.9	14	16	27	28	28	20
21	15	5.0	5.0	5.0	4.8	4.8	0.0	16	16	27	28	28	21
22	15	5.0	5.0	5.0	4.8	4.8	0.0	16	19	27	28	26	22
23	15	5.2	5.0	5.0	4.8	4.8	0.0	16	22	27	28	25	23
24	15	5.2	5.0	5.0	4.8	4.8	0.0	20	22	27	28	25	24
25	15	5.2	5.0	5.0	4.8	4.8	0.0	22	22	28	28	25	25
26	15	5.2	5.0	5.0	4.8	4.8	0.0	22	22	28	28	25	26
27	15	5.2	5.0	5.2	4.8	5.0	0.0	22	22	28	28	25	27
28	15	5.2	5.0	5.2	5.0	5.0	0.0	22	24	28	28	25	28
29	15	5.2	5.0	5.0	5.0	5.0	0.0	22	25	28	28	24	29
30	15	5.2	5.0	5.0	5.0	5.0	0.0	22	25	28	28	22	30
31	15	5.2	5.0	5.0	5.0	5.0	0.0	22	28	28	28	31	
MEAN	15.1	6.48	5.06	5.01	4.87	5.05	3.12	10.3	17.4	27.1	27.9	26.5	MEAN
MAX.	20	12	5.2	5.2	5.0	5.2	5.0	22	25	28	28	28	MAX
MIN.	13	5.0	5.0	5.0	4.8	4.8	0.0	0.0	10	25	27	22	MIN
AC. FT.	930	386	311	308	271	310	186	633	1040	1660	1720	1580	AC. FT.

WATER YEAR SUMMARY

E - ESTIMATED
NR - NO RECORD
* - DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY
- E AND

MEAN DISCHARGE	DISCHARGE	MAXIMUM GAGE HT.	MO.	DAY	TIME	MINIMUM DISCHARGE	GAGE HT.	MO.	DAY	TIME
12.9	29	1.83	7	26	0800	0.0	0.0	4	20	

TOTAL ACRE FEET
9330

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLT	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 31 50	121 29 00	SE 2 19N 4E	25	1.77	5/20/64	MAY 63-DATE	MAY 63-DATE	1963		0.00	LOCAL
Station is located west of Kelly Ridge Penstock, 4 mi. E of Oroville. This is water from the Oroville-Wyandotte Irrigation District to Palermo Canal replacing the interrupted supply during the construction phase of the Oroville Dam. Records furn. by USGS.											

BLE B-5 (Cont.)

LY MEAN DISCHARGE
N CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967	A05791	FEATHER RIVER AT OROVILLE	

Y	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
	1200	1020	9020	4880	31700	6450	10700	7990	14200	7210	3970	3170	1
	1180	1260	14300	4640	20200	6390	9860	8080	12900	7060	3740	3210	2
	1230	1310	17800	4570	15500	6420	9350	8170	11900	6790	3830	3190	3
	1200	1230	11800	4640	12800	6000	9000	8490	12200	6230	3580	2950	4
	972	1330	22700	4470	11400	5950	9410	8840	12700	6110	3410	2950	5
	986	1230	16800	4400	10400	5810	14200	8810	13000	5970	3060	2950	6
	1080	1760	11400	4640	9350	5830	12100	10500	12900	5720	3120	3120	7
	1140	1360	9410	4540	9220	6000	10400	13600	12600	4350	3410	2910	8
	1150	1390	8170	4420	8870	5950	9860	17200	12600	4160	3250	2810	9
	1180	1410	7960	4300	8170	6230	9730	18500	12600	4540	3210	2930	10
	1140	1420	7510	4210	8420	8290	9930	16200	12400	5220	3190	2850	11
	986	1720	6820	4060	8020	7870	8810	14600	12300	5170	3080	2610	12
	1000	1630	6530	4300	8390	7030	8840	13700	12600	4090	2970	2650	13
	1040	1560	5920	4470	8970	6230	9030	13400	12100	4990	3030	2650	14
	1090	2820	6000	4280	8330	6140	8710	14700	11800	4250	3100	2730	15
	1100	8880	4930	4350	7900	21600	8110	17200	11700	3800	3280	2930	16
	1060	2990	4880	4110	7570	38000	8740	19600	11900	4180	3390	3190	17
	1010	1880	4160	3920	7390	31300	9640	21000	12000	4860	3300	3210	18
	930	2910	4230	3580	7030	28300	9450	21500	12400	4520	3430	2970	19
	888	14600	4730	4940	7000	20900	9570	22700	12200	4830	3500	2850	20
	888*	8900	5610	29800	6850	17500	9450	24300	11400	4570	3390	3140	21
	902	5910	5480	42800	6730	16400	8810	25300	10900	3670	3230	3170	22
	916	4110	5320	15900	6620	18700	8870	25500	9990	3360	3280	2910	23
	916	3720	5270	13700	6530	17900	9450	26500	9220	3760	3030	2790	24
	795	2490	4730	10900	6760	15300	9060	25200	9220	4610	2650	2970	25
	652	1960	4370	8450	6620	13400	8710	22100	9090	4470	2870	2950	26
	1000	1940	4300	8930	6450	11800	9130*	19800	8520	4160	2930	2990	27
	986	2540	4730	15000	6310	11100	8870	18500	7870	4230	3190	3140	28
	930	15500	4880	43100	10900	8550	16800	7600	7600	3610	3410	2250	29
	944	7840	473C	48300	10300	8610	15700	7210	3280	3210	1340	30	
	958		4520	46800	11600			14600	3500	3170		31	
N	1014	3621	7710	11980	9625	12630	9498	16740	11330	4783	3265	2883	MEAN
	1230	15500	22700	48300	31700	38000	14200	26500	14200	7210	3970	3210	MAX.
	652	1020	4160	3580	6310	5810	8110	7990	7210	3280	2650	1340	MIN.
T.	62380	215400	474100	736700	534500	776700	565200	1030000	674400	294100	200700	171500	AC.FT

WATER YEAR SUMMARY

MEAN DISCHARGE	DISCHARGE	MAXIMUM	MINIMUM	TOTAL ACRE FEET
7927	53300	14.58	1 22 0300	5739000

ESTIMATED
NO RECORD
DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY
E AND *

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1 4 SEC T. & R M.D.B & M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO OH GAGE	REF. DATUM
			CFS	GAGE HT	DATE			FROM	TO		
39 51 13	121 32 48	NE8 19N 4E	230000		3/19/07	OCT 01-DATE	OCT 01-DATE	1912	1934	139.53	USCGS
								1934	1962	182.02	USCGS
								1962	1964	0.03	USCGS
								1964		148.97	USCGS

Station located 300 ft. above Fish Barrier Dam, 7.6 mi. NE of Oroville. Flow partly regulated by reservoirs and power plants. Flow also affected by construction activities at Oroville Dam. Maximum discharge listed at site then in use (approx. 167. ft. USGS Datum). Records furnished by USGS. Drainage area is 3,626 sq. mi.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A05165	FEATHER RIVER NEAR GRIDLEY

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.
1	742	454	7610	5170	37100	6670	10800	8010	12400	4800	1450	1320	1320
2	756	547	11800 *	4910	24400	6560	9930	7880	11500	4620	1400	1410	1410
3	756	741	19100 *	4620	18100	6610	9300	7740	10400	4380	1250	1420	1420
4	761	679	12600	4780	14900	6360	8860	7920	10500	4020	1210	1170	1170
5	673	732	20000	4670 *	12900	6090	8940	8140	10800	3640 *	1200	1270	1270
6	488 *	910	20000	4600	11500	6000	12700	8110 E	11000	3560	773	1260	1260
7	586	1200	13400	4680	10500	6050	12600	9000 E	11100	3350	790	1340	1340
8	628	1090	10200	4630	9800	6080	10500	11000 E	10600	2130	959	1660	1660
9	660	1140	8790	4580	9450	6080	9900	15000 E	10600	1720	1060	1280	1280
10	683	1150	8380	4430	8690	6240	9770	17000 #	10600	1770	934	1570	1570
11	709	1260	8060	4390	8840	8120	10000	16000	10400	2660	930	1550	1550
12	549	1390	7340	4270	8370	7870	9240	14000	10200	2560	901	1460	1460
13	470	1360	7100	4330	8670	7570	8800	12700	10400 *	2530	819	1460	1460
14	526	1190	6190	4600	9060	6520	9010	11900	10100	2460	832	1540	1540
15	557	1780	6350	4430	8730	6310	8840	12700	9670	2120	935	1690	1690
16	575	7610	5610	4360	8250	13800	8390	14700	9590	1400	938	2000	2000
17	601	4280	5160	4310	7910	34400 *	8340	16800	9710	1380	1130	2310	2310
18	515	1890	4530	4070	7740	30700	9690	18100	9760	2290	1160	2470	2470
19	497	1820	4400	3810	7440	29500	9340	18800	10100	2070	1230	2380	2380
20	394	11900	4680	4080	7260	23100	9550	19500	10000	2120	1250	2140	2140
21	265	10100 *	5720	18700	7110	18700	9440	20500	9370	2080	1390	2430	2430
22	219	7080	5790	41400	6980	17000	8950	22100	8710	1600	1260	2550	2550
23	210	4720	5580	20900	6910	17700	8790	22300 *	7870	990	1290	2400	2400
24	202	4090	5520	14200	6760	18600	9370	23300	7170	978	1150	2170	2170
25	202	3010	5190	12400	7040	16100	9070	22900	6970	1900	791	2310	2310
26	147	2010	4580	9170	6830	14000	8840	20600	6790	1890	853	2380	2380
27	133	1760	4460	9580	6610	12300	8970	18200	6300	1670	985	2410	2410
28	311	1950	4820	13200	6480	11100	8930	16900	5580	1630	1080	2650	2650
29	383	11600	5060	31500	11000	8700	10000	15300	5230	1330	1330	2060	2060
30	395	9780	5000	45000	10200	8550	10200	14300	4800	838	1360	1140	1140
31	430		4620	44400	11300			13000		823		1340	
MEAN	485	3307	7988	11300	10510	12540	9470	14990	9267	2300	1096	1840	1840
MAX.	761	11900	20000	45000	37100	34400	12700	23500	12400	4800	1450	2650	2650
MIN.	133	454	4400	3810	6480	6000	8340	7740	4800	823	773	1140	1140
AC. FT.	29800	196800	491200	694600	583800	770800	563500	921900	551400	141400	67400	109500	N

WATER YEAR SUMMARY

MEAN DISCHARGE 7075	DISCHARGE 45600	GAGE HT. 38.70	MO.	DAY	TIME	DISCHARGE 107	GAGE HT. 23.88	MO.	DAY	TIME	TOTAL ACRE FEET 5122000
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E - ESTIMATED

NR - ND RECORD

* - DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY

- E AND *

LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B. & M.	MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
			OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
CFS	GAGE HT.	DATE						FROM	TO		
39 22 01	121 38 43	SW33 18N 3E	102.25	12/23/55	1/44-DATE	3/29-5/37 #	1929			0.00	USED USCGS
						10/37-4/39	1929			-2.91	
						11/39-7/40					
						10/40-7/43					
						10/43-DATE					

Station located near highway bridge, 2.7 mi. E of Gridley. Subsequent to 1962, tabulations include all left bank overflow. Records of discharge published prior to 1963 listed only that water in the main channel. Drainage area is 3,676 sq. mi.

- Flood season only

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

		WATER YEAR	STATION NO.	STATION NAME
		1967	A05735	NORTH HONCUT CREEK NEAR BANGOR

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.3	6.6	280 *	11	369	14	322	71	21	2.9	1.3	2.0	1
2	2.1	6.3 *	1070 E	11	216	13	170	55	25	2.7	1.2	1.9	2
3	2.9	3.9	566	11	94	13 *	123	47	20	2.5	1.0	2.1	3
4	3.1	2.9	355	11	75	13	96	38 *	18	2.0	1.3	1.5	4
5	2.7 *	2.4	1150	12 *	65	12	143	32	17	1.9	1.4	1.2	5
6	2.7	4.9	671	11	56	12	1140	28	15 *	1.9	1.4	1.3	6
7	3.0	19	166	11	51 *	12	360 *	25	12	2.3 *	1.8	1.9 *	7
8	3.1	8.8	85	10	44	13	178	22	9.7	2.5	1.9 *	2.1	8
9	2.9	5.8	52	10	39	12	126	19	8.8	2.5	2.1	2.1	9
10	2.7	4.5	50	9.4	36	13	137	23	8.2	2.6	2.5	2.1	10
11	2.6	4.2	43	8.7	32	100	366	20	7.8	2.1	2.5	2.0	11
12	3.1	5.0	35	8.6	30	182	177	21	15	1.6	2.6	2.0	12
13	2.6	6.8	30	8.2	27	184	119	18	41	1.3	2.9	1.8	13
14	2.5	5.6	33	7.6	25	283	97	15	19	1.0	2.0	1.6	14
15	2.7	9.2	27	7.6	23	121	97	14	15	0.8	1.4	1.4	15
16	3.3	69	24	7.6	21	791 *	87	13	13	0.5	1.4	1.5	16
17	5.4	27	22	7.2	21	289	173	12	12	0.4	2.4	1.8	17
18	6.1	14	20	7.0	19	146	260	10	11	0.5	2.2	3.0	18
19	6.6	50	19	6.6	18	106	249	9.3	11	0.7	2.4	3.4	19
20	6.1	379	18	280	16	87	218	8.5	9.9	0.9	1.8	2.4	20
21	5.5	127 *	19	3270 #	15	92	157	7.9	8.7	0.9	1.6	1.8	21
22	6.0	101	17	1370 E	14	75	143	7.3	7.9 *	0.9	1.7	2.2	22
23	6.3	37	16	268	14	177	131	6.6	6.7	1.1	1.4	3.3	23
24	6.6	23	14	354 *	14	114	346	7.6	5.9	1.7	1.2	4.0	24
25	6.6	16	13	174	22	83	186	7.7	5.1	2.1	1.2	4.0	25
26	6.5	10	13	205	21	69	123	7.8	4.6	1.9	1.5	3.8	26
27	6.6	6.7	12	351	16	59	139	8.2	3.9	1.7	1.2	3.3	27
28	7.4	20	12	1000	15	51	107	9.0	3.5	1.4	1.3	3.3	28
29	7.7	614	12	1330		68	85	9.2	3.3	1.3	1.4	3.7	29
30	7.3	84	11	934		132	88	9.2	3.5	1.2	1.7	4.1	30
31	6.9		11	965		851		9.6		1.3	1.9		31
MEAN	4.6	55.8	157	344	50.3	135	205	19.1	12.1	1.6	1.7	2.4	MEAN
MAX.	7.7	614	1150	3270 #	369	851	1140	71	41	2.9	2.9	4.1	MAX.
MIN.	1.3	2.4	11	6.6	14	12	85	6.6	3.3	0.4	1.0	1.2	MIN.
AC.FT.	279	3320	9652	21180	2793	8305	12180	1172	719	97	106	144	AC.FT.

WATER YEAR SUMMARY

MEAN	MAXIMUM				MINIMUM				TOTAL		
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME	ACRE FEET
82.8	9060	11.11	1	21	2130	0.4	3.94	7	16	1500	59950

- ESTIMATED
- NO RECORD
- DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY
- E AHO'

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 20 32	121 29 25	SW11 17N 4E	10700 E	11.57	12/26/64	OCT 59-SEP 62	OCT 59-SEP 62	1959	1962	0.00	LOCAL
						JUL 63-DATE	JUL 63-DATE	1963		0.00	LOCAL

Station located 0.4 mi. N of Honcut-Wyandotte Road and Bangor Highway Junction, 5.7 mi. SW of Bangor.
Tributary to Feather River. Flow partly regulated by Lake Wyandotte. Drainage area is 47.1 sq. mi.

TABLE B-5 (Cont.)
DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	WATER YEAR		STATION NO.	STATION NAME
													1967	A05120	FEATHER RIVER BELOW SHANGHAI BEND	
1	955	875	12000	6110	67800	8290	19300 E	12300	21600	12000	1730	2390	1460	2150 *	1	1
2	926	903	18600	6230	47300	8360 *	16300 E	11900	19300	11500	1990	2370	2120	2370	2	2
3	955	978 *	34300 *	5910	33100	8240	14800 E	11700	16800	10900	1760	2510	2080	2510	3	3
4	961	1080	26300	5970	24600	8170	13800 *	12000	15900	9780	1800	2380	1490	2280	4	4
5	966	1040	27100	6140	20000	7760	13400	12600	16700	8340 *	1670	2320	2230	2320	5	5
6	886 *	1130	36700 *	5960 E	17500	7480	17700 E	13100	18400	7400	1460	2150 *	1460	2150 *	6	6
7	802	1540	29700 *	5920 E	15900	7410	25400 E	13400	19100	7110	1230	2140	1770	2140	7	7
8	852	1680	19500	5870 E	14600	7490	19700	16400	19000	5840	1230 *	2390	1230	2390	8	8
9	875	1430	14900	5910 E	13900	7440	16600	20400 *	19000	4370	1490	2220	1490	2220	9	9
10	903	1430	13000	5680 #	13100	7480	15500	23900	19200	4320	1350	2260	1350	2260	10	10
11	920	1430	12400	5520	12600	8980	16700	24300	19200	4690	1270	2400	1270	2400	11	11
12	932	1430	11600	5380	12300	10900	15800	20700	21100	4690	1670	2330	1670	2330	12	12
13	813	1490	10400	5240	12100	12500	14000	18400	20600 *	4480	1770	2260	1770	2260	13	13
14	786	1550	9580	5480	12400	11100	13800	16900	19700	4290	1700	2310	1420	2310	14	14
15	808	1580	9260	5510	12300	9490	13900	17300	19000	4090	1770	2380	1520	2380	15	15
16	813	2590	8660	5340	11500	18100	13400	20000	19300	3340	1800	2540	1670	2540	16	16
17	847	6540	7630	5350	10900	50400 #	12600	22500	20200	2980	1900	2770	1770	2770	17	17
18	858	3220	7310	5160	10600	55400 E	16200	26200	20900	3260	2120	2950	1820	2950	18	18
19	841	2580	6630	4950	10300	47400 E	15600	27300	21500	3580	2160	3120	1910	3120	19	19
20	830	6920	6590	4800	9920	40400 E	15900	28200	21300	3240	2310	2910	2020	2910	20	20
21	764	13800 *	7130	19100	9640	32600 E	15000	29600	19300	3360	2400	2960	2100	2960	21	21
22	678	10100	7560	61500 *	9290	27800 E	14300	32300	18600	3000	2220	3160	1770	3160	22	22
23	646	6680	7380	53300	9060	26800 E	13600	33400 *	18000	2170	2180	3160	2170	3160	23	23
24	646	5090	7180	29600	8800	29800 E	15100	33900	15900	1880	2180	2930	2420	2930	24	24
25	641	4340	7050	23400	8980	26600 E	15600	34600	15000	2210	1910	2990	2520	2990	25	25
26	636	3180	6350	17200	8930	22500 E	14300	33700 E	15200	2760	1630	3090	2620	3090	26	26
27	605	2670	6110	17500	8640	19300 E	13800	31800	14800	2630	1820	3120	2720	3120	27	27
28	610	2660	6090	20800	8350	17300 E	14200	29400	13600	2380	1900	3230	2820	3230	28	28
29	748	7610	6280	40800	16700 E	13400	21700	12800	12800	2280	2180	3080	2920	3080	29	29
30	802	20400 *	6340	68300 *	15800 E	12800	24900	12200	1700	2440	2370	3020	2440	2370	30	30
31	824		6150	76100	17400 E	17400 E	22800	22800	1490	2390	2390	3120	2390	3120	31	31
MEAN	811	3932	12770	17420	16230	19210	15410	22680	18110	4712	1853	2640	1853	2640	MEAN	MEAN
MAX.	966	20400	36700	76100	67800	55400 E	25400 E	34600	21600	12000	2440	3230	2440	3230	MAX.	MAX.
MIN.	605	875	6090	4800	8350	7410	12600	11700	12200	1490	1230	2140	1230	2140	MIN.	MIN.
AC. FT.	49840	233900	785000	1071100	901300	1181000	917200	1394000	1077000	289700	289700	113900	113900	113900	AC. FT.	AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE 11290	MAXIMUM DISCHARGE 79400	MAXIMUM GAGE HT. 57.31	MO. DAY 1 31	TIME 1620	MINIMUM DISCHARGE 584	MINIMUM GAGE HT. 31.46	MO. DAY 10 28	TIME 0330
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TOTAL ACRE FEET 8172000

LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.O.B.&M.	LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
			OF RECORD			DISCHARGE			GAGE HEIGHT ONLY			PERIOD		
			CFS	GAGE HT.	DATE	DISCHARGE	GAGE HT.	MO. DAY	FROM	TO	ZERO ON GAGE	REF. DATUM		
39 04 44	121 36 08	NE11 14N 3E		76.8	12/24/55	6/44-10/458 1/46-DATE	11/26-5/37 # 10/37-5/39 11/39-7/41 11/41-7/43 # 10/43-DATE	11 26	1926	1926	0.00	USED USCGS		

Station located approx. 4 mi. S of Yuba City. Flow partly regulated by reservoirs and power plants. Drainage area is 5,537 sq. mi.

" - Irrigation season only

- Flood season only

BLE B-5 (Cont.)

LY MEAN DISCHARGE
 IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967	A02903	SACRAMENTO WEIR SPILL TO YOLO BYPASS	

Y	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
	N	N	0.0	0.0	3190	0.0	N	N	N	N	N	N	1
			0.0	0.0	887	0.0							2
O	O	O	0.0	0.0	734	0.0	O	O	O	O	O	O	3
			0.0	0.0	566	0.0							4
			0.0	0.0	376	0.0							5
F	F	170	0.0	295	0.0	F	F	F	F	F	F	F	6
L	L	533	0.0	228	0.0								7
	L	725	0.0	149	0.0	L	L	L	L	L	L	L	8
O	O	667	0.0	64	0.0								9
		264	0.0	2.4	0.0	O	O	O	O	O	O	O	10
W	W	86	0.0	0.0	0.0	W	W	W	W	W	W	W	11
		24	0.0	0.0	0.0								12
		0.0	0.0	0.0	0.0								13
F	F	0.0	0.0	0.0	0.0	F	F	F	F	F	F	F	14
O	O	0.0	0.0	0.0	0.0	O	O	O	O	O	O	O	15
R	R	0.0	0.0	0.0	0.0	686 E	R	R	R	R	R	R	16
		0.0	0.0	0.0	0.0	696 E							17
		0.0	0.0	0.0	0.0	634 E							18
M	M	0.0	0.0	0.0	341 E	M	M	M	M	M	M	M	19
O	O	0.0	0.0	0.0	31 E								20
		0.0	218	0.0	0.0	O	O	O	O	O	O	O	21
N	N	0.0	371	0.0	0.0								22
		0.0	360	0.0	0.0	N	N	N	N	N	N	N	23
T	T	0.0	251	0.0		T	T	T	T	T	T	T	24
H	H	0.0	195	0.0	0.0	H	H	H	H	H	H	H	25
		0.0	542	0.0	0.0								26
		0.0	806	0.0	0.0								27
		0.0	1430	0.0	0.0								28
		0.0	4100	0.0	0.0								29
		79.6	267	232	78.1								30
		725	4100	3190	696 E								31
		0.0	0.0	0.0	0.0								MEAN
		4897	16410	12880	4804								MAX.
													MIN.
													AC.FT.

WATER YEAR SUMMARY

- ESTIMATED
- NO RECORD
- DISCHARGE MEASUREMENT OR OBSERVATION
- OF NO FLOW MADE THIS DAY
- E AND *

MEAN DISCHARGE	DISCHARGE	MAXIMUM GAGE HT.	MO.	DAY	TIME	MINIMUM DISCHARGE	GAGE HT.	MO.	DAY	TIME	TOTAL ACRE FEET
53.9	4730	31.27	1	31	0815	0.0		10	1	0000	38990

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
			118000E	32.8	3/26/28	26-DATE					

See Sacramento River at Sacramento Weir for stage record and location. Elevation of fixed crest of weir is *24.5 ft. USED Datum; elevation of movable crest (top of needles) is *30.5 ft. USED Datum. There are 48 gates, each 38 ft. in length.

* From 1964 surveys. Previously listed as 25.0 and 31.0 respectively.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A00047	DRY CREEK AT ROSEVILLE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	17	25	160	55	306	66	180 E	92	43	8.2	6.0	17	1
2	21	25	287	55	220	63	130 E	87	55	13	5.1	21	2
3	26	24	285	54	183	63	108 E	88	57	16	5.7	21	3
4	26	19	180	55	163	61	90 E	87	50	9.9	5.7	22	4
5	24	17	409 *	56	151	58	228 E	81	52	9.6	5.4	24	5
6	22	52	687	54	138	57	250 E	78	61	10	6.5	28	6
7	27	91	276	49	133	55	280 #	73	54	8.9	8.7	27	7
8	28	51	173	47	125	55	215 E	66	43	10	8.4	24	8
9	24	39	144	46	118	54	168 E	63	36	12	11	27	9
10	20	35	145	45	114	53	136 E	87	33	11	10	27	10
11	20	30	127	46	107	127	380	84	30	9.8	9.4	27	11
12	24	28	117	49	104	232	169	76	29	9.3	13	28	12
13	24	24	111	47	101	258	134 *	68	32	8.3	12	29	13
14	27	27 *	102	46	94	226	124	59	35	6.0	7.7	26	14
15	24	67	93	46	86	140 *	141	54	28	5.9	7.0 *	24	15
16	22	141	87 *	46	88 *	827 *	132	50 *	25	4.8	5.4	24	16
17	20 *	76	85	45 *	88	387	125	44	19	11 *	6.4	25	17
18	19	48	80	46	86	191	190	41	17	9.8	5.3	33	18
19	18	90	77	45	87	155	193	40	20	6.5	5.4	33	19
20	21	437	74	93	80	138	155	39	18 *	7.8	12	28 *	20
21	23	284 *	73	1060	74	132	181	36	17	8.9	18	19	21
22	25	214	70	1170 *	71	119	160	32	15	8.4	16	20	22
23	25	105	68	238	71	157	165	29	13	8.8	16	22	23
24	28	74	66	694	74	127	172 *	26	12	11	16	24	24
25	24	60	65	419	118	108	144	27	11	9.8	15	24	25
26	22	52	64	287	92	102	132	27	15	10	17	23	26
27	24	46	60	385	75	94	147	29	12	8.9	19	23	27
28	25	85 *	58	579	70	94	125	28	13	5.8	22	22	28
29	28	167	58	980	110	106	29	11	6.7	20	22	29	30
30	26	119	58	799	115	97	27	8.5	26	8.0	18	22	30
21	26	56	720		242 E					8.3	17		21
MEAN	23.6	85.1	142	270	115	151	166	54.0	28.8	9.1	11.3	24.5	MEAN
MAX.	28	437	687	1170	306	827	380	92	61	16	22	33	MAX
MIN.	17	17	56	45	70	53	97	26	8.5	4.8	5.1	17	MIN
AC. FT.	1448	5062	8717	16570	6381	9255	9852	3318	1715	560	694	1460	AC. FT.

WATER YEAR SUMMARY

E - ESTIMATED
NR - NO RECORD
* - DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY
- E AND *

MEAN DISCHARGE	MAXIMUM DISCHARGE			MINIMUM DISCHARGE						
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME
89.8	2090	16.41	1	21	2245	2.4	6.61	7	16	0215

TOTAL ACRE FEET
65040

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. OATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 44 40	122 16 57	SE 2 10N 6E	64	7.50	4/12/66	APR 66-DATE	APR 66-DATE	1966		0.00	LOCAL
Station located 100 ft. above Douglas Street bridge. Tributary to Sacramento River via Back Borrow Pit of Reclamation District 1000 and Linda Creek.											

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME										
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	9330	10000	39700	24000	90100	27100	40100	55600	54800	31200	14700	16400	1
2	9420	10200	40900	23500	81900	27000	42100	53700	52500	30700	14800	16600	2
3	9060	10100	48100	22700	76400	26300	42700	51500	50100	29900	14700	16700	3
4	9490	10300	55300	21900	72800	25500	41700	49000	47900	29000	14400	17000	4
5	9570	10700	59400	21600	70800	25100	39900	46800	46600	27900	14900	17300	5
6	9720	11500	66400	21100	69100	24000	39200	45100	46100	25500	15000	17400	6
7	9290	11300	73000	20400	67800	22500	44200	43400	46100	23600	14900	18000	7
8	9190	12300	77300	19300	66300	22200	50100	42500	46300	21700	15000	19800	8
9	9540	12900 *	76000	18800	64500	22000	52000	43400	46100	20000	14900	20300	9
10	9300	12600 *	68800	18000	62900	21400	51600	45600	45300	18600	14900	20400	10
11	9380	12300	65200	17700	60800	21300	51500	48200	44900	17900	14500	20500	11
12	9500	12100	63200	17200	58400	24500	51600	49900	44500	18200	14600	21200	12
13	9050	12100	60900	16700	55700	27100	51000	49200	44300	18100	14900	21600	13
14	9080	11900	58200	16500	52600	32400	49500	46900	44700	18000	14900	21100	14
15	9100	12700	54500	16500	49500	35800	48500	44800	44200	17800	15000	20700	15
16	9070	14100	50800	16400	45800	37700	48100	44100	43400	17600	14700	19600	16
17	9110	18600	46700	16400	42700	57100	47800	45300	43300	16700	14600	19400	17
18	9090	20000	42000	16100	39800	76700	47900	47500	43700	16200	14500	19600	18
19	9040	18600	37800	16100	37800	76300	50200	50100	43800	16700	14600	19700	19
20	9080	18900	34500	15600	36000	75000	52600	52000	43700	16400	14700	18800	20
21	9000	26300	32800	22000	34300	71100	54700	53700	43300	16100	15000	17900	21
22	9140	35200	31000	48700	33700	63800	56300	55700	41800	16200	15000	18400	22
23	8890	35900	30600	66600	31400	60500	56500	57800	40600	16200	15200	18200	23
24	8850	32500	31700	70300	30800	58300	56500	59900	38900	15500 *	15100	17900	24
25	8720	29800	30800	70200	29800	57200	56800	61500	36400	15300 *	15200	17700	25
26	8800	27100	29700	68200	29800	55200	57500	62700	34700	15200	15600	17400	26
27	8800	25400	28300	67300	28900	51700	57800	63000	34100	15900	15600	17100	27
28	8710	24800	27100	73300	28200	47100	57700	62500	33200	15800	16000	17000	28
29	8610	25400	26800	79300	-	43400	57600	61400	33400	15800	16100	17000	29
30	8690	32300	26300	86100	-	41000	57000	59700	32000	15500	16300	16500	30
31	9290	-	25400	90700	-	39500	-	57400	-	15000	16300	-	31
MEAN	9130	18600	46420	36100	51740	41800	50360	51930	43020	19490	15050	18570	MEAN
MAX.	9720	35900	77300	90700	90100	76700	57800	63000	54800	31200	16300	21600	MAX.
MIN.	8610	10000	25400	15600	28200	21300	39200	42500	32000	15000	14400	16400	MIN.
(C.FT.)	561160	1107000	2855000	2220000	2875000	2570000	2996000	3193000	2500000	1198000	925500	1105000	AC.FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM				MINIMUM				TOTAL ACRE FEET		
33380	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME	24160000
90900	27.40	1	31	1100		NR					

- ESTIMATED
NR - ND RECORD
* - DISCHARGE MEASUREMENT OR OBSERVATION
OF HD FLOW MADE THIS DAY
E AND *

LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
			OF RECORD			DISCHARGE			GAGE HEIGHT ONLY			PERIOD		ZERO ON GAGE
			CFS	GAGE HT.	DATE							FRDM	TD	REF. DATUM
38 35 20	121 30 15	NW35 9N 4E	104000	30.14	11/21/50	04- 05 6/21-11/21	05- 08 5/24-12/42	1/04-7/05 20-DATE	1904-1956 1956-1956	1904-1956 1956-1956	1904-1956 1956-1956	0.12 0.00 2.98 -0.23	USCGS USCGS USED USCGS	

Station located 1,000 ft. above I Street bridge, 0.5 mi. below the American River. Below approx. 30,000 cfs the stage-discharge relationship is affected by tidal influence. Maximum discharge listed at site and datum then in use. Records furn. by USGS. Drainage area is 23,530 sq. mi.

* - Irrigation season only

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A81810	MIDDLE CREEK NEAR UPPER LAKE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.
1	0.8	1.4	75	21	707	19 *	192	196	12	3.7	0.8	0.9	0.9
2	0.8	1.3 *	935 E	20	457 *	24	195	178	33	2.9	0.9	0.8	0.8
3	0.9	0.9	523	18	315	21	203	166	20	2.5	1.0	0.9	0.9
4	0.8	1.0	1170 E	18	247	21	220	146 *	16	2.3	1.5	0.9	0.9
5	0.9	1.0	1500 E	17	200	17	216	128	17	2.8	1.9	1.1	1.1
6	0.9	1.1	620 *	15	168	16	387	107	20 *	3.6 *	2.1	1.4	1.4
7	0.9	1.0	394 *	15	139	16	372	95	26	3.8	2.1	1.2 *	1.2 *
8	1.0	1.0	275 *	14	115	15	307	87	23	3.3	1.9	1.3	1.3
9	1.1	1.0	214	13	94	14	272	81	22	3.3	1.4 *	1.5	1.5
10	1.1	1.0	242	12	82	27	281	85	22	3.2	0.7	1.4	1.4
11	1.0	1.1	183	13 *	73	132	277	69	22	3.2	0.4	1.4	1.4
12	1.1	1.2	160	13	64	140	244	58	22	3.2	0.2	1.1	1.1
13	1.1	1.3	175	13	57	139	218	51	22	3.1	0.2	1.2	1.2
14	1.1	1.5	152	12	55	114	230	47	21	3.3	0.3	1.0	1.0
15	1.1	22	125	12	49	263 E	218	43	20	3.0	0.1	1.1	1.1
16	1.0	101	108	12	46	1770 E	200	37	19	2.5	0.1	0.9	0.9
17	1.1	1.8	91	11	43	667	327	33	20	2.2	0.1	0.9	0.9
18	1.0	1.7	77	11	39	435	333	26	18	1.8	0.1	1.2	1.2
19	1.1	337 E	69	12	34	295	367	24	18	1.7	0.1	0.9	0.9
20	1.1	540 E	62	744 E	28	344	341	22	17	1.6	0.1	0.8	0.8
21	1.1	349	53	2400 E	24	278	333	17	18	1.6	0.4	0.8	0.8
22	1.1	254	46	713 #	22	234	301	14	16	1.5	0.5	1.0	1.0
23	1.1	109	44	347	22	254	335	12	10	1.3	0.6	0.9	0.9
24	1.1	57	40	393	19	206	352	10	11	1.2	0.7	0.9	0.9
25	1.3	37	36	304	19	176	338	11	8.4	1.3	0.8	1.1	1.1
26	1.3	25	33	991 E	16	154	306	10	7.0	1.6	1.0	1.0	1.0
27	1.2	18	30	1070 E	14	134	299	11	6.4	1.3	0.8	1.0	1.0
28	1.2	31	25	1320 E	13	130	267	12	4.2	1.3	0.8	1.0	1.0
29	1.3	45	26	1860 E		115	248	11	4.7	1.1	0.7	0.9	0.9
30	1.4	31	25	1200 E		138	222	11	4.1	0.8	0.7	0.8	0.8
31	1.4		22	1390 E		200		11		0.7	0.7		
MEAN	1.1	65.8	243	420	113	210	280	58.4	16.7	2.3	0.8	1.0	1.0
MAX.	1.4	540 E	1500 E	2400 E	707	1770 E	387	196	33	3.8	2.1	1.5	1.5
MIN.	0.8	0.9	22	11	13	14	192	10	4.1	0.7	0.1	0.8	0.8
AC. FT.	66	3918	14940	25790	6270	12910	16660	3588	991	140	47	62	62

WATER YEAR SUMMARY

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 # - E AND *

MEAN DISCHARGE	DISCHARGE	MAXIMUM	MINIMUM	TOTAL ACRE FEET
118	3370 E	GAGE HT. 10.29 MO. 1 DAY 21 TIME 1120	DISCHARGE 0.0 GAGE HT. 8 MO. 8 DAY 13 TIME 0230	85380

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 10 59	122 54 39	NE 1 15N 10W				OCT 48-SEP 53 MAR 59-SEP 59 AUG 62-DATE	OCT 48-DATE	1959 1962	1962 1962	1353.6 0.00	USCGS LOCAL

Station located at Ranchera Road bridge, 1.3 mi. N of Upper Lake. Tributary to Clear Lake.

BLE B-5 (Cont.)

LY MEAN DISCHARGE
(CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1967	A81850	SCOTTS CREEK NEAR LAKEPORT

Y	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
	0.0 *	41	15	518	23 *	276	115	15	0.5				1
	0.0	822 E	13	310 *	23	240	104	178	0.5				2
	0.0	372	13	209	23	216	92	66	0.4				3
	0.0	1010 E	13	156	22	188	73 *	42	0.3				4
	0.0	1040	12	123	20	161	64	32	0.2 *				5
	0.0	484 *	10	101	19	323	62	27 *	0.2			*	6
	0.0	284 *	10	89	19	314	61	24	0.1			*	7
	0.0	177 *	9.9	78	19	257	59	21	0.0			*	8
	0.0	141	8.7	71	18	210	59	19	0.0				9
	0.0	248	8.1	69	58	230	62	17	0.0				10
N	0.0	160	7.9 *	66	136	232	57	16	0.0	N	N		11
O	0.0	127	7.7	62	208	190	52	15	0.0				12
O	0.0	122	6.7	59	276	166	45	14	0.0	O	O		13
O	0.0	100	6.4	55	234	164	41	12	0.0				14
O	0.0	83	5.7	51	370	174	38	11	0.0				15
F	0.0	70	5.5	49	1650 E	161	36	10	0.0	F	F		16
L	0.0	81	5.4	44	577	425	34	8.8	0.0				17
L	0.0	50	4.9	41	204	510	30	7.5	0.0	L	L		18
O	79	44	5.1	37	98	480	28	6.4	0.0	O	O		19
O	275	40	602	33	97	384	26	5.4	0.0				20
W	173	36	2130 #	31	75	327	24	4.9	0.0	W	W		21
	119	31	652	30	60	233	23	4.2	0.0				22
	35	30	213	30	136	324	21	3.7	0.0				23
	14	28	448	28	130	371	19	3.3	0.0				24
	7.2	26	422	32	113	293	18	2.6	0.0				25
	3.7	22	1010	27	101	238	17	1.8	0.0				26
	2.4	20	966	25	91	224	16	1.3	0.0				27
	25	19	1040	23	94	177	16	0.8	0.0				28
	51	19	1610 E		87	151	16	0.5	0.0				29
	37	17	1010		122	130	14	0.3	0.0				30
		17	1040		254		14	0.0					31
N	0.0	27.4	185	365	87.4	173	259	43.1	19.0	0.1	0.0	0.0	MEAN
C.	0.0	275	1040	2130 E	518	1650 E	510	115	178	0.5	0.0	0.0	MAX.
I.	0.0	0.0	17	4.9	23	18	130	14	0.3	0.0	0.0	0.0	MIN.
T.	0	1629	11390	22440	4854	10630	15410	2650	1132	4	0	0	AC.FT.

WATER YEAR SUMMARY

- ESTIMATED
- NO RECORD
- DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY
- E AND *

MEAN DISCHARGE	MAXIMUM					MINIMUM					TOTAL ACRE FEET
96.9	DISCHARGE	GAGE HT.	MO	DAY	TIME	DISCHARGE	GAGE HT.	MO	DAY	TIME	70130

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R M O B & M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 03 44	122 56 53	SW14 14N 10W				OCT 48-SEP 53	OCT 48-DATE	1948		0.00	LOCAL
						MAR 59-DATE					

Station located at Hartley Cemetery Road bridge, 0.8 mi. NW of Lakeport. Tributary to Clear Lake via Middle Creek. Record listed is not considered to have the same degree of accuracy as other records published in this report. Drainage area is 52.3 sq. mi.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	481360	COPSEY CREEK NEAR LOWER LAKE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.
1	0.0	0.0 *	29	3.8	52	5.1	39	19	4.3	1.8	0.7	0.2	0.2
2	0.0	0.0	394	3.6	35	4.9	25	17	1.9	0.7	0.2	0.2	0.2
3	0.0	0.0	123	3.6	28	4.9	21	16 *	8.3	1.8	0.6	0.2	0.2
4	0.0	0.0	653	3.8	22	4.9	19	16	5.0	1.8	0.5	0.2	0.2
5	0.1	0.0	290	3.4	18	4.4	26 *	15	4.2 *	1.7 *	0.5	0.2	0.2
6	0.2	0.0 *	112 *	3.0	16	4.4	177	12	4.1	1.5	0.6	0.2 *	0.2 *
7	0.2	0.0	44	2.9	14	4.4	52	11	4.1	1.5	0.5 *	0.2	0.2
8	0.2	0.0	31	2.9	12	4.3	32	10	3.8	1.4	0.5	0.2	0.2
9	0.1	0.0	28	2.9	12	4.4	26	9.6	3.9	1.4	0.5	0.2	0.2
10	0.1	0.0	34	2.8	11	32	50	9.6	3.6	1.3	0.5	0.3	0.3
11	0.2	0.0	23	2.6 *	9.9	48	35	8.7	3.7	1.2	0.6	0.3	0.3
12	0.3	0.0	19	2.6	9.6	105	25	8.0	3.2	1.3	0.4	0.3	0.3
13	0.3	0.0	18	2.6	8.9	79	21	7.4	3.1	2.0	0.4	0.3	0.3
14	0.3	0.0	15	2.6	8.1	38	19	6.9	3.1	1.0	0.4	0.3	0.3
15	0.2	3.9	14	2.4	7.8	168	25	6.6	3.2	0.6	0.4	0.3	0.3
16	0.1	4.5	12	2.3	7.3	537	20	6.2	3.2	1.1	0.3	0.3	0.3
17	0.0	0.6	11	2.4	7.5	86	132	6.0	3.1	1.1	0.4	0.4	0.4
18	0.0	0.6	9.9	2.4	6.9	46	109	5.6	3.1	1.0	0.3	0.4	0.4
19	0.0	216	9.2	2.4	6.6	33	72	5.2	3.1	1.0	0.3	0.3	0.3
20	0.0	183	7.3	132	5.7	33	42	4.9	3.1	1.0	0.3	0.3	0.3
21	0.0	74	6.9	915	5.7	30	80	5.0	2.9	1.0	0.3	0.3	0.3
22	0.0	33	6.3	108	5.7	24	53	4.7	2.8	1.0	0.3	0.4	0.4
23	0.0	15	5.9	45	5.8	29	138	4.5	2.7	0.9	0.2	0.4	0.4
24	0.0	10	5.7	281	5.7	20	98	4.2	2.7	0.9	0.2	0.3	0.3
25	0.0	8.7	5.3	74	7.0	18	52	4.1	2.6	0.9	0.3	0.3	0.3
26	0.0	7.8	5.0	127	6.9	16	39	3.9	2.3	0.8	0.3	0.3	0.3
27	0.0	6.9	4.7	86	5.0	15	33	3.9	2.3	0.8	0.2	0.3	0.3
28	0.0	59	4.7	279	4.8 *	15	27	3.3	2.2	0.8	0.2	0.4	0.4
29	0.0	50	4.7	455		14	23	3.4	2.1	0.7	0.3	0.4	0.4
30	0.0	18	4.4	322		72	21	3.4	1.9	0.7	0.3	0.4	0.4
31	0.0		4.1	132		91		3.4		0.7	0.2		
MEAN	0.1	23.0	62.4	97.1	12.3	51.3	51.0	7.9	3.8	1.2	0.4	0.3	
MAX.	0.3	216	653	915	52	537	177	19	17	2.0	0.7	0.4	
MIN.	0.0	0.0	4.1	2.3	4.8	4.3	19	3.3	1.9	0.6	0.2	0.2	
AC. FT.	5	1371	3836	5972	684	3155	3037	485	228	73	24	17	

WATER YEAR SUMMARY

E - ESTIMATED
NR - NO RECORD
* - DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY
- E AND *

MEAN DISCHARGE	MAXIMUM				MINIMUM					
26.1	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME
	1760	10.90	1	21	0950	0.0	0.0	10	1	0000

TOTAL
ACRE FEET
18890

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.O.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 53 21	122 35 47	NE14 12N 7W	2340E	14.15	1/30/63	JAN 60-DATE	JAN 60-DATE	1960		0.00	LOCAL
Station located 75 ft. below Spruce Grove Road bridge, 1.7 mi. SE of Lower Lake. Tributary to Cache Creek. Drainage area is 13.2 sq. mi.											

TABLE B-5 (Cont.)

MONTHLY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
		1967	A81250 BEAR CREEK NEAR RUMSEY

OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1.1	1.5	14	17	310	38	78	97	30	7.5	2.1	1.0	1
1.2	1.5	533	16	229	37	60	89	71	6.9	2.1	0.9	2
1.3	1.6	261	15	180	37 *	54	83	114	6.3	2.1	0.9	3
1.4 *	1.6	598	15	153	35	53	78	53	5.9	1.9	0.7	4
1.3	1.6	1010	15	132	32	54 *	74	46	5.6	1.7	0.7	5
1.3	2.5	321 *	13 *	115	31	151	69	41	5.4	1.8	0.7	6
1.3	3.9	123	13	106	30	127	63	37	5.0	1.8	0.8	7
1.4	3.1	80	13	97	30	81	60 *	33	5.5	1.7	0.8	8
1.3	2.2	60	13	90	29	65	57	29	5.5	1.7	0.8	9
1.3	1.9	86	12	83	37	70	59	27	4.9	1.6	0.9	10
1.2	1.8	65	12	74	118	91	54	25	4.7	1.6	0.9	11
1.3	1.9	51	12	71	202	67	52	26	4.5	1.5	0.9 *	12
1.3	2.0	47	12	68	164	58	49	35	4.2	1.6	0.8	13
1.2	2.1	46	11	62 *	99	54	46	27	3.8	1.4	0.9	14
1.1	3.2	39	11	58	181	63	44	23	3.7	1.4	1.0	15
1.2	6.9	35	10	57	836 *	65	43	22	3.7	1.3	1.0	16
1.3	5.3	32	9.4	55	162	144	42	20	3.6	1.1	1.0	17
1.3	3.3	30	9.5	53	104	213	39	19	3.4	1.0	1.3	18
1.4	20	28	9.5	50	83	139	37	18	3.3	1.2	1.6	19
1.5	239	27	210	45	79	89	36	17	3.2 *	1.1	1.2	20
1.5	105	26	4120 E	44	84	367	35	16	3.2	1.2	1.1	21
1.5	49	24	646 E	44	72	263	33	14	3.1	1.1	1.2	22
1.5	21 *	23	186 E	44	71	286	31	12	3.0	1.0	1.2	23
1.5	9.7	23	962	44	60	459	29	11	3.0	1.0	1.3	24
1.5	6.7	22	370	52	56	246	28	10	2.8	1.0	1.4	25
1.5	5.6	21	818	43	53	164	26	9.7	2.7	1.0	1.3	26
1.5	5.0	19	639	40	50	143	24	9.2	2.6	1.0	1.2	27
1.6	16	18	749	38	50	124	23	8.7	2.6	1.0	1.3	28
1.6	40	18	1640	48	115	24	8.2	2.6	0.9	1.3	29	
1.5	25	19	974	104	103	24	8.0	2.6	0.9	1.4	30	
1.5		17	653	141		24			2.2	1.1		31
1.4	19.7	120	394	87.0	102	135	47.5	27.3	4.1	1.4	1.1	MEAN
1.6	239	1010	4120 E	310	836	459	97	114	7.5	2.1	1.6	MAX.
1.1	1.5	14	9.4	38	29	53	23	8.0	2.2	0.9	0.7	MIN.
1.1	84	1170	7371	24210	4834	6254	8025	2920	1626	252	85	AC.FT.

WATER YEAR SUMMARY

MEAN DISCHARGE 78.6	MAXIMUM DISCHARGE 6950	MATERIAL GAGE HT. 10.50	MO. 1	DAY 21	TIME 1145	MINIMUM DISCHARGE 0.3	GAGE HT. 0.82	MO. 9	DAY 4	TIME 0115	TOTAL ACRE FEET 56890
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ESTIMATED
NO RECORD
DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY
E AND *

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO OH GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 56 38	122 20 34	SW30 13N 4W	9720	11.93	1/5/65	SEP 55-DATE	SEP 55-DATE	1955		0.00	LOCAL
Station located 7.3 mi. NW of Rumsey, 1.4 mi. above mouth. Tributary to Cache Creek. Drainage area is 100 sq. mi.											

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967	A81200	CACHE CREEK ABOVE RUMSEY	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	146	43	180	124	5570	241	2100	1850 E	450 E	625	513	385	1
2	124	43	2310	118	4630	240	2130	706 E	519 E	623	508	369	2
3	97	39	2200	113	4200	236 *	2080	658 E	509 E	593	481	331	3
4	94 *	33	2510	110	3900	233	2060	626	343	590	535	363	4
5	92	28	5490	107	3670	220	2070 *	601	329 *	572	529	320	5
6	92	17	1980 *	101 *	3440	209	2850	561	289	568	491	341	6
7	92	15	1500	98	3260	206	3630	526	236	568	485	355	7
8	91	11	1050	94	1090	198	3360	501 *	207	585	462	308	8
9	88	8.5	767	92	899	194	3270	476	232	565	463	277	9
10	88	6.4	805	90	842	204	3290	484 E	231	536	455	225	10
11	88	5.5	692	86	784	687	2770	449 E	251	506	409	221	11
12	89	4.8	576	87	749	814	715	421 E	253	503	409	218	12
13	76	4.8	509	85	716	1510	629	390 E	294	500	407	216	13
14	70	5.3	497	82	683 *	3290	597	364 E	279	520	408	215	14
15	62	9.0	421	80	651	3230	589	343	270	521	422	213	15
16	57	28	371	76	635	7360	595	325	263	547	400	214	16
17	57	110	333	74	603	4500	1660	311	320	532	379	216	17
18	50	123	300	73	396	4000	3870	290	417	540	408	216	18
19	44	182	275	72	364	3750	3710	282	472	594	465	202	19
20	43	2000 E	255	354	337	3660	3190	464	505	605 *	474	200	20
21	44	903 E	236	17800	316	3650	3820	456	512	571	475	178	21
22	42	599 E	216	4650 *	307	3480	3700	512	508	544	481	181	22
23	42	351 #	202	2040	297	3480	3780	539	501	484	480	200	23
24	42	196	190	3340	292	3040	4210 E	570	502	474	472	199	24
25	43	133	179	2350	309	788	3830 E	558	545	511	435	171	25
26	45	102	167	3430 *	282	764	3380 E	546	589	528	367	168 *	26
27	45	84	155	5160	260	717	2720 E	533	627	527	344	166	27
28	45	105	146	6790	248	696	2470 E	496	624	524	382	165	28
29	44	349	141	11700		674	2390 E	446	622	520	392	164	29
30	43	249	138	8440		875	2320 E	436	631	518	379	142	30
31	44		130	7640 *		2020		430 E	518	390			
MEAN	68.4	193	804	2434	1419	1780	2593	521	411	546	442	238	MEAN
MAX.	146	2000	5490	17800	5570	7360	4210 E	1850 E	631	625	535	385	MAX
MIN.	42	4.8	130	72	248	194	589	282	207	474	344	142	MIN
AC. FT.	4203	11480	49430	149700	78800	109400	154300	32030	24460	33540	27170	14160	AC. FT.

WATER YEAR SUMMARY

E - ESTIMATED
NR - NO RECORD
* - DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY
- E AND *

MEAN DISCHARGE	DISCHARGE	MAXIMUM	MINIMUM
951	30000	GAGE HT. 16.90	MO. DAY TIME
		1	21 1245
		4.8	0.77 11 11 2200

TOTAL
ACRE FEET
689000

LOCATION			MAXIMUM DISCHARGE				PERIOD OF RECORD				DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM		
			CFS	GAGE NT.	DATE			FROM	TO				
38 54 47	122 16 14	SE 2 12N 4W	26700E	18.30E	1/31/63	OCT 59-SEP 63	OCT 59-DATE	1959		0.00	LOCAL		
						JUN 65-DATE							

Station located 0.4 mi. below State Highway 16 bridge, 2.5 mi. NW of Rumsey. Flow regulated by Clear Lake. Maximum discharge of record listed is for the period Oct. 1959 to Sept. 1963 and June 1965 to date. Drainage area is 955 sq. mi.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

		WATER YEAR	STATION NO.	STATION NAME									
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0.0 *	109	19	511	43	230	113	31	6.0	1.2	0.6	1
2		0.0	1260	18	351	42	169	104	104	5.5	1.4	0.6	2
3		0.0	480	17	266	41	148	96	80	5.8	1.3	1.0	3
4		0.0	1260	16	220	39	131	90	42	5.9	1.2 *	1.0	4
5		0.0	1480	16	186	37	155 *	85	34	5.3	1.1	1.0 *	5
6	*	0.0	699	15	160	35	784	81	32	5.0	1.1	1.2	6
7		0.0	331	14	145	34	438	75	30	4.5 *	1.0	1.0	7
8		0.0	204	15 E	132	34	266	70	28 *	4.1	0.9	1.0	8
9		0.1	161	15 E	122	33	200	68	75	7.2	0.9	0.9	9
0		0.1	331	14 #	113	50	284	68	24	4.3	0.8	1.2	10
1	N	0.0	182	14	104	215	269	63	23	2.9	0.7	1.0	11
2		0.0	134	15	97	379	184	60	22	3.0	0.7	0.8	12
3	O	0.0	112	14 E	93	302	154	55	21	3.2	0.6	0.8	13
4		0.1	93	14 E	86	208	139	52	19	3.0	0.6	0.9	14
5		0.8	76	14 E	80	221	134	49	18	2.7	0.5	0.9	15
6	F	91	65	14 E	77	1590	126	48	17	2.6	0.7	1.0	16
7		10	57	14 E	74	419	502	44	16	2.7	1.2	0.8	17
8	L	3.9	51	14 E	70	254	650	42	16	2.6	1.3	1.2	18
9		282	46	14 E	65	192	484	40	16	2.4	1.0	1.0	19
10	O	615	43	930 E	60	209	288	39	16	2.2	0.9	0.8	20
11	W	183	39	4510 E	56	212	380	36	15	2.0	0.8	0.8	21
12		108	35	1000 E	55	168	328	35	14	1.9	0.8	0.9	22
13		39	32	460 E	54	206	392	33	13	1.8	0.6	1.0	23
14		23	30	652 E	52	156	315	31	12	1.8	0.6	0.9	24
15		16	29	398 E	60	135	242	30	12	1.7	0.6	0.8	25
16		13	27	486 E	51	124	195	28	11	1.5	0.6	0.7	26
17		11	24	589	46	112	183	27	11	1.6	0.6	0.5	27
18		57	23	664	44 *	108	157	26	9.7	1.5	0.6	0.5	28
19		185	23	2260		103	139	27	8.8	1.4	0.4	0.5	29
20		57	22	1720		460	123	25	7.7	1.3	0.4	0.5	30
21		20	959		444			26		1.2	0.5		31
MEAN	0.0	56.5	241	481	123	213	273	53.7	24.3	3.2	0.8	0.9	MEAN
MAX.	0.0	615	1480	4510 E	511	1590	784	113	104	7.2	1.4	1.2	MAX.
MIN.	0.0	0.0	20	14	44	33	123	25	7.7	1.2	0.4	0.5	MIN.
FT.	0	3362	14830	29580	6803	13100	16240	3304	1444	196	51	51	AC.FT.

WATER YEAR SUMMARY

MEAN DISCHARGE 123	DISCHARGE NR	MAXIMUM GAGE HT. MO. DAY TIME				DISCHARGE 0.0	GAGE HT. 10	MINIMUM MO. DAY TIME	TOTAL ACRE FEET 88970

- ESTIMATED
R - NO RECORD
- DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY
- E AND *

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 37 48	122 19 52	SW17 9N 4W	18000E	19.79	1/31/63	DEC 60-DATE	DEC 60-DATE	1960		0.00	LOCAL

Station located 0.2 mi. above spillway elevation of Lake Berryessa, 5.2 mi. E of Pope Valley.
Tributary to Lake Berryessa. Drainage area is 78.3 sq. mi.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1967	A91160	PLEASANTS CREEK NEAR WINTERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0*	0.0*	3.6*	1.8	77	7.6*	30	25*	8.9	2.1	0.4	0.2	1
2	0.0	0.0*	212 *	1.8	59	7.4	25	23	19	2.0	0.4	0.1	2
3	0.0	0.0	31	1.8	46	7.2	22*	22	11	1.8*	0.4	0.1	3
4	0.0	0.0	140	1.8*	39	6.9	20	20	6.4	1.8	0.3	0.1	4
5	0.0	0.0	193 *	1.8	33	6.3	20	18	5.6	1.7	0.3	0.1*	5
6	0.0	0.0	51	1.8	28	6.1	101	18	5.6*	1.6	0.3	0.1	6
7	0.0	0.0	17	1.7	25	6.0	50	17	5.3	1.6	0.3	0.1	7
8	0.0	0.0	11	1.6	22	6.0	35	15	4.8	1.6	0.3	0.2*	8
9	0.0	0.0	10	1.5	20	6.0	30	14	4.7	1.6	0.3	0.1	9
10	0.0	0.0	18	1.5	18	6.5	47	13	4.4	1.6	0.3	0.1	10
11	0.0	0.0	10	1.5	17	51	49	12	4.2	1.6	0.3	0.1	11
12	0.0	0.0	7.8	1.5	16	115	36	12	4.2	1.4	0.3	0.1	12
13	0.0	0.0	6.4	1.5	14	75	30	11	4.1	1.3	0.3	0.1	13
14	0.0	0.0	5.5	1.5	13	34	28	11	3.8	1.2	0.3	0.1	14
15	0.0	0.0	4.8	1.4	12	68	29	10	3.6	1.2	0.2	0.1	15
16	0.0	0.0	4.3	1.4	12	516	24	9.7	3.5	1.2	0.2	0.1	16
17	0.0	0.0	3.9	1.4	11	98	69	9.1	3.4	1.0	0.2	0.1	17
18	0.0	0.0	3.6	1.4	11	64	64	8.4	3.2	1.0	0.2	0.1	18
19	0.0	0.6*	3.4	1.4	10	48	56	7.9	3.2	1.0	0.2	0.1	19
20	0.0	24	3.3	54	9.3	39	38	7.6	3.4	0.9	0.2	0.1	20
21	0.0	20	3.0	1540 *	8.8	35	88	7.1	3.1	0.9	0.2	0.1	21
22	0.0	10	2.6	218	8.6	30	62	6.8	3.1	0.8	0.2	0.2	22
23	0.0	1.1	2.6	75	8.6	32	65	6.6	2.9	0.8	0.2	0.3	23
24	0.0	0.3	2.5	428	8.9	26	67	6.4	2.7	0.8	0.2	0.3	24
25	0.0	0.1	2.4	107	11	23	54	6.3	2.6	0.7	0.2	0.2	25
26	0.0	0.0	2.3	76	8.2	20	44	6.1	2.6	0.7	0.2	0.2	26
27	0.0	0.0	2.1	60	7.6	19	40	6.0	2.7	0.6	0.2	0.1	27
28	0.0	13	2.0	96	7.4	19	35*	5.8	2.6	0.6	0.2	0.1	28
29	0.0	29	2.1	364	17	31	5.7	2.3	0.6	0.2	0.1	29	
30	0.0	2.2	2.0	255	85	28	5.6	2.2	0.6	0.2	0.1	30	
31	0.0	1.8	1.8	133 *	58		5.4	0.5*	0.5*	0.2			31
MEAN	0.0	3.3	24.7	111	20.0	49.6	43.9	11.3	4.6	1.2	0.2	0.1	MEAN
MAX.	0.0	29	212	1540	77	516	101	25	19	2.1	0.4	0.3	MAX
MIN.	0.0	0.0	1.8	1.4	7.4	6.0	20	5.4	2.2	0.5	0.2	0.1	MIN
AC. FT.	199	1517	6815	1114	3050	3050	2612	697	276	75	16	8	AC. FT.

WATER YEAR SUMMARY

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 / - E AND *

MEAN DISCHARGE 22.6	MAXIMUM DISCHARGE 2780	MAXIMUM GAGE HT. 11.03	MO.	DAY	TIME	MINIMUM DISCHARGE 0.0	GAGE HT. 10	MO.	DAY	TIME
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TOTAL
ACRE FEET
16380

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 28 40	122 01 43	SE 1 7N 2W	4000E	14.78	2/16/59	NOV 51-JUN 54 OCT 57-DATE	NOV 51-JUN 54 OCT 57-DATE	1957		150.33	USCGS

Station located 1.0 mi. above mouth, E of Pleasants Valley Road, 4.4 mi. SW of Winters. Tributary to Yolo Bypass via Putah Creek. Drainage area is 15.9 sq. mi.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A09160	PUTAH CREEK BELOW WINTERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0*	0.0*	54*	44	6130	403*	1530	1940	63	52	42	5.6	1
2	0.0	0.0*	579	45	5440*	422	1480	1800*	84	57	46	5.3	2
3	0.0	0.0	449	44	4730	428	1400*	1730	94	62 *	47	5.3	3
4	0.0	0.0	102	45*	4130	385	1330	1610	67	62	47	4.7	4
5	0.0	0.0	1100*	45	3650	351	1310	1460	67	60	47	14	5
6	0.0	0.0	239*	45	3180*	379	1590	1420	59*	61	47	18	6
7	0.0	0.0	62	45	2840	373	1820	1330	60	61	43	18	7
8	0.0	0.0	41	45	2560	368	1820	1210	62	61	26	18 *	8
9	0.0	0.0	40	47	2300	313	1770	343	63	59	24	17	9
10	0.0	0.0	44	43	2050	226	1710	184	64	56	22	17	10
11	0.0	0.0	41	45	1870	441	1760	171	64	37	20	15	11
12	0.0	0.0	38	45	1700	688	1700	167	66	33	22	1.6	12
13	0.0	0.0	38	45	1600	1030	1600	158	65	32	21	0.0	13
14	0.0	0.0	38	45	1440	977	1520	143	65	28	22	0.0	14
15	0.0	17	38	46	1310	1050	1470	126	65	25	22	0.0	15
16	0.0	30	38	46	1180	3320	1380	115	65	25	20	0.0	16
17	0.0	23	38	46	1130	2940	1380	94	67	26	20	0.0	17
18	0.0	3.8	38	47	1060	2820	1670	71	65	50	20	0.0	18
19	0.0	0.0	37	47	950	2620	1920	72	63	54	18	0.0	19
20	0.0	23	38	55	861	2420	1940	65	62	54	19	0.0	20
21	0.0	44 *	39	3430*	835	2260	2100	58	61	55	22	0.0	21
22	0.0	45	39	1170*	830	2120	2120	57	60	56	45	0.0*	22
23	0.0	47	39	184	737	1950	2110	58	60	54	48	0.0	23
24	0.0	45	41	1300*	708	1820	2470	56	59	46	50	0.0	24
25	0.0	45	41	1270	761	1740	3140	56	58	21	51	0.0	25
26	0.0	45	42	1420	654	1620	2870	57	59	22	50	0.0	26
27	0.0	47	41	1750	645	1450	2670	59	59	23	50	20	27
28	0.0	54	41	2210	556	1390	2440	57	58	22	46	40	28
29	0.0	69	43	4530		1240	2290	58	58	22	14	32	29
30	0.0	55	42	6130		1330	2090	58	56	21	7.7	2.7	30
31	0.0	43	6550*		1550		58	21*			5.9	31	
MEAN	0.0	19.8	114	995	1994	1304	1880	481	63.9	42.5	31.8	7.8	MEAN
MAX.	0.0	69	1100	6550	6130	3320	3140	1940	94	62	51	40	MAX.
MIN.	0.0	0.0	37	43	556	226	1310	56	56	21	5.9	0.0	MIN.
C.FT.		1176	7027	61210	110800	80180	111900	29560	3804	2614	1953	465	AC.FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM DISCHARGE			MINIMUM DISCHARGE			TOTAL ACRE FEET
567	7240	15.11	1	30	1350	0.0	410600

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 31 47	121 55 21	NE24 8N 1W	8730	15.71	1/2/65	OCT 57-DATE	OCT 57-DATE	1957		75.06	USCGS
Station located at Boyce Orchard, 2.7 mi. E of Winters.											

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A09145	PUTAH CREEK ABOVE DAVIS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.
1	0.0*	0.0*	48*	42	6170	427	1570	1980	78	52	36	3.2	
2	0.0	0.0*	356	42	5510*	419*	1490	1910*	97	59	51	1.8	
3	0.0	0.0	619	42	4800	431	1400	1760	127	64*	53	2.6	
4	0.0	0.0	72	42*	4170	407	1330*	1630	81	63	50	2.9	
5	0.0	0.0	1100*	42	3640	374	1310	1440	82	59	50	6.6	
6	0.0	0.0	296*	41	3160*	397	1610	1400	68*	59	50	14	
7	0.0	0.0	80	42	2890	397	1910	1280	67	62	53	16	
8	0.0	0.0	46	42	2640	390	1900	1180	67	62	29	16 *	
9	0.0	0.0	43	41	2380	355	1840	364	66	61	23	15	
10	0.0	0.0	47	40	2170	297	1770	234	67	60	20	14	
11	0.0	0.0	45	40	2010	457	1840	222	67	36	19	13	
12	0.0	0.0	42	40	1850	656	1770	217	70	25	21	6.3	
13	0.0	0.0	42	41	1750	1010	1670	208	71	26	19	1.2	
14	0.0	0.0	41	40	1620	960	1570	190	68	26	21	1.0	
15	0.0	0.0	41	39	1460	1030	1510	174	70	23	19	1.4	
16	0.0	2.6	40	39	1300	3380	1400	164	71	23	14	1.2	
17	0.0	15	39	39	1240	2990	1360	148	73	22	12	1.4	
18	0.0	6.5	39	39	1140	2870	1750	105	74	48*	13	1.6	
19	0.0	0.7	39	38	993	2680	1990	102	68	55	11	1.8	
20	0.0	0.3	39	44	888	2470	2020	96	67	54	12	1.8	
21	0.0	33 *	40	3410	838	2300	2150	81	66	57	16	1.6	
22	0.0	36	40	1600	838	2150	2200	81	65	62	46	1.2	
23	0.0	38	40	219	717	1990	2150	84	63	60	55	1.4	
24	0.0	39	42	1290	658	1850	2500	80	62	53	57	1.2	
25	0.0	38	42	1350	750	1760	3240	76	61	23	59	1.2	
26	0.0	38	42	1530	628	1660	2950	74	59	20	59	1.4	
27	0.0*	39	41	1870	598	1460	2750	73	57	21	57	1.0	
28	0.0	47	42	2290	555	1380	2540	71	54	16	55	37	
29	0.0	62	42	4430	1200	2350	71	53	16	18	41		
30	0.0	48	43	5980	1290	2180	70	54	14	6.7	8.2		
31	0.0		42	6510*	1610			68	13*		5.5		
MEAN	0.0	14.8	115	1009	2049	41047	1934	504	69.8	41.7	32.6	7.3	
MAX.	0.0	62	1100	6510	6170	3380	3240	1980	127	64	59	41	
MIN.	0.0	0.0	39	38	555	297	1310	68	53	13	5.5	1.0	
AC.FT.	879	7081	62070	113800	81420	115100	31010	4151	2567	2004	432		

WATER YEAR SUMMARY

E - ESTIMATED
NR - NO RECORD
* - DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY
- E AND *

MEAN DISCHARGE	MAXIMUM				MINIMUM				TOTAL ACRE FEET		
579	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME	420500
7120	13.69	1	30	1500		0.0	0.0	10	1	0000	

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. OATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 32 13	121 51 00	SW15 8N 1E	8400	15.75	1/5/65	5/52-11/53 0"	5/52-11/53 0"	1957		47.52	USCGS

Station located at Stevenson Road bridge, 6.0 mi. W of Davis. Tributary to Yolo Bypass via South Fork Putah Creek.

" - Irrigation season only

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
	1967	A09115	SOUTH FORK PUTAH CREEK NEAR DAVIS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY	
1	0.2*	0.4*	33*	30	6400	431	1490	2020*	76	38	11	1.0	1	
2	0.2	0.4	671	31	5700*	431*	1440	1930	90	43	36	0.8	2	
3	0.3	0.3	898	30	4980	447	1370	1790	144	52	42	0.7	3	
4	0.4	0.1	109	30*	4310	431	1300*	1660	95	50	41	0.7	4	
5	0.4	0.2	1040	30	3790	387	1300	1520	90	47	38	0.7	5	
6	0.4	0.3	387	29	3300	406	1500	1470	71*	46	39	1.0	6	
7	0.2	0.7	113	30	2910	406	1810	1400	71	48	41	1.3	7	
8	0.2	0.8	45	30	2610	406	1800	1340	68	50	25	1.4*	8	
9	0.2	0.9	33	31	2340	368	1760	540	67	49	12	1.2	9	
10	0.4	1.2	37	30	2080	285	1700	288	65	50	10*	2.3	10	
11	0.5	0.8	35	29	1900	447	1760	266	67	31	8.8	5.0	11	
12	0.4	0.0	32	30	1710	628	1710	252	68	12	9.0	4.1	12	
13	0.4	0.0	30	30	1610	1040	1620	238	72	9.7	8.6	1.8	13	
14	0.4	0.3	28	29	1470	1000	1540	219	73	12	8.8	1.7	14	
15	0.3	0.8	27	29	1340	1030	1490	195	69	9.5	9.2	1.8	15	
16	0.3	0.9	27	30	1210	3150	1420	184	69	8.2	6.0*	1.5	16	
17	0.5	0.9	27	27	1170	2920	1380	173	69	8.1	3.8	1.2	17	
18	0.5	0.8	26	28	1100	2800	1700	116	69	22	2.7	1.2	18	
19	0.6	0.2	26	27	1010	2590	1960	107	72	57	3.2	1.0E	19	
20	0.6	0.3	25	32	933	2390	2000	102	57	40	2.1	1.0E	20	
21	0.5	0.7*	27	29	2960	884	2200	2110	82	63	39	2.6	0.7	21
22	0.3	3.6	26	2180	875	2050	2200	76	65	48	20	0.8	22	
23	0.3	18	27	302	752	1890	2150	85	58	47	36	0.6	23	
24	0.6	21	27	1160	662	1760	2430	78	56	45	39	0.4	24	
25	0.5	20	29	1380	767	1660	3180	80	52	15	41	0.5	25	
26	0.6	21	29	1470	641	1560	2960	80	46	7.2	42	0.7	26	
27	0.5	21	29	1800	594	1420	2750	72	52	7.8	40	0.8	27	
28	0.5	28	31	2220	562	1360	2560	71	46	5.6	36	0.9	28	
29	0.3	46	30	2230		1250	2360	68	42	4.5	18	5.1	29	
30	0.2	38	30	6230		1280	2180	65	42	3.8	3.0	11	30	
31	0.5	30	6780*			1520		64	2.8*	1.2			31	
MEAN	0.4	7.6	128	945	2058	1288	1898	536	68.0	28.7	20.5	1.8	MEAN	
MAX.	0.6	46	1040	6780	6400	3150	3180	2020	144	52	42	11	MAX.	
MIN.	0.2	0.0	25	27	562	285	1300	64	42	2.8	1.2	0.4	MIN.	
AC. FT.	24	451	7862	58120	114300	79230	112900	32990	4054	1762	1261	105	AC. FT.	

WATER YEAR SUMMARY

MEAN DISCHARGE 571	MAXIMUM				MINIMUM				TOTAL ACRE FEET 413000
DISCHARGE	GAGE HT.	MO	DAY	TIME	DISCHARGE	GAGE HT.	MO	DAY	TIME
7300	13.64	1	30	1610	0.0	0.0	10	3	0500

E - ESTIMATED
NR - NO RECORD
* - DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY
- E AND *

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 31 02	121 45 21	NE28 8N 2E	8410	12.93	2/16/59	OCT 57-DATE	OCT 57-DATE	1957		24.57	USCGS

Station located at Low Water bridge, 0.8 mi. below U. S. Highway 40 bridge, 2.3 mi. SW of Davis.
Tributary to Yolo Bypass.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A02935	YOLO BYPASS NEAR WOODLAND

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	9.6	0.9	870	182	123000*	476	2460	2450	1580	43	0.0	0.0	1
2	9.6	0.9	1010	120	111000	404	2690	2200	1840	0.0	0.0	0.0	2
3	9.6	0.9 *	2090	99	92200	362	2650	1620	2080	0.0	0.0	0.0	3
4	9.6	1.5	3900	94	69400	320	2570	1270*	2010	0.0	0.0	0.0	4
5	9.6	1.8	5960	85	53000	301	2560	1190	2460	0.0	0.0	0.0	5
6	9.0	2.4	20200	83*	42500	276*	2780*	1140	2780*	0.0	0.0	0.0	6
7	9.0	2.7	30700*	77	34900	255	3770	1080	1080	0.0	0.0*	213	7
8	9.6	2.7	29600	69	29400	232	4320	1040	2910	0.0	0.0	140 *	8
9	8.4	2.4	24700	69	22600	219	4070	860	2910	0.0	0.0	92	9
10	7.8	2.1	21200	66	16000	215	3870	725	2740	0.0	0.0	85	10
11	6.6	2.1	19200	62	8680	245	3840	750	2510	0.0	0.0	82	11
12	6.6	1.8	16900	62	4380	451	3170	692	2240	0.0	0.0	71	12
13	6.6	1.8	12000	58	2490	799	1920	550	1900	0.0*	0.0	66	13
14	3.3	1.8	6140	54	1940	1430	1500	384	1700	0.0	0.0	68	14
15	3.0	2.1	2680	52	1670	3150	1340	292	1580	0.0	0.0	69	15
16	2.7	2.1	1530	51	1540	4760	1240	254	1460	0.0	0.0	66	16
17	2.4	2.4	1250	40	1380	7510	1170	191	1210	0.0	0.0	57	17
18	2.4	2.4	1100	39	1250	9220	1960	113	968	0.0	0.0	52	18
19	2.4	2.1	912	40	1110	24000	3730	04	768	0.0	0.0	34	19
20	1.8	4.6	795	40	905	21400	3810	92	672	0.0	0.0	25	20
21	1.8	145	708	1100	782	12500	3830	87	624	0.0	0.0	23	31
22	1.8	878	648	16100	710	6090	4580	80	588	0.0	0.0	25	32
23	1.5	1720	*	576	36200	670	4240	4720	87	488	0.0	0.0	24
24	1.2	1450	524	40500	640*	3800	4980	102	384	0.0	0.0	24	24
25	1.2	997	498	37500	680	3230	5380	291	337	0.0	0.0	22	25
26	0.6	546	498	29200	670	1850	5100	1120	318	0.0	0.0	20	26
27	0.6	266	481	24600	638	1430	4480	1840	252	0.0	0.0	21	27
28	0.6	169	431	26500	564	1260	3550	1750	200	0.0	0.0	20	28
29	0.6	193	404	43000	1220	2970	1460	140	0.0	0.0	22	29	
30	0.6	334	366	82000	1290	2650	1300	99	0.0	0.0	24	30	
31	0.6	318	112000	1700		1410			0.0	0.0	0.0	31	
MEAN	4.54	225	6716	14520	22310	3698	3255	855	1420	139	0.0	44.8	
MAX.	9.6	1720	30700	112000	123000	24000	5380	2450	2910	43	0.0	213	
MIN.	0.6	0.9	318	39	564	215	1170	80	99	0.0	0.0	0.0	
AC. FT.	279	13370	412900	892800	1239000	227400	193700	52590	84490	85		2670	

WATER YEAR SUMMARY

E - ESTIMATED
NR - NO RECORD
* - DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY
- E AND *

MEAN DISCHARGE 4309	MAXIMUM DISCHARGE 125000	MINIMUM DISCHARGE 0.0	GAGE HT. 28.52	MO. DAY 2 1	TIME 1200	GAGE HT. 7	MO. DAY 7 1	TIME 1500
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TOTAL ACRE FEET 3119000

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 40 40	121 38 35	SE28 10N 3E	272000	32.00	2/8/42	3/30-10/38 8 1/39-DATE	40-41 # 41-DATE	1930 1941 1941	1941 1941 1941	0.73 0.00 -3.41	USED USED USCGS

Station located just above the Sacramento-Woodland Railroad bridge, 6 mi. above the Sacramento Bypass, 7 mi. below Fremont Weir, 7 mi. E of Woodland. Supplementary water stage recorder, located 7 mi. downstream, used for computations during periods of low flow. Stage-discharge relationship at supplementary recorder location at times affected by tidal action. Records furn. by USGS.

" - Irrigation season only
- Flood season only

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967	B07020	SAN JOAQUIN RIVER NEAR VERNALIS	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	780	1040	1450	3100	8070	4040	5910 *	24900	22500	20400	2360	1910	1
2	785	1040 *	1510	2710	7880	3750	7930	24200	23100 *	20800	2250	1980	2
3	857	1200	1620	2490	8260	3590	8830	23600 *	23200	21100	2340	2060	3
4	906 *	1340	1680	2400	8270	3420	8920	23200	22000	21000	2310	2100	4
5	940	1340	1730	2610	7930	3240	7620	22800	20300	20300	2130	2010	5
6	955	1350	1820	2590	7600 *	2790	6740	22300	20100	19400	2100	1910	6
7	995	1420	3150	2600	7370	2480	7490	21800	21500	18900	2130	1880	7
8	955	1440	5660	2560	7410	2510	10300	21200	21700	17900	2180	1870 * 8	
9	1000	1440	6660	2440	7610	2350	12700	20600	20500	16900	2130	1800	9
10	1000 *	1450	7510	2390	7740	2240	13700	20200	20200	15800	2100 *	1890	10
11	945	1450	8470	2470	7770	2340	13900	20500	20600	14400	2040	1940	11
12	1060	1430	8170	2340	7480	3420	14000	21500 *	21400	13600	2080	1990	12
13	1150	1440	6960 *	2200	6830	2520 *	13800	21700	22200	11900	2110	1890	13
14	1180	1420	5860	2150	6300	3210	13900	19800	20000	10300	2090	1870	14
15	1220	1390 *	5170	2050	5880	4130	14000	18500	19800	8270	1980	1850	15
16	1260	1460	4900	1940	5800	5500	13000	18300	17700	6600	1930	1910	16
17	1300	1500	4760	1900	5740	8630 *	12100	18500	16200	7030	1890	1990	17
18	1260	1490	4630	1910	5530	12100	11500	18500	16100	7540	1850	2040	18
19	1220	1470	4540 *	1920	5300	14600	11800	18000	16800	7190	1830	2100	19
20	1260	1410	4470	1940 *	5130	15900 *	14100	17400	17800	6520	1870	2040	20
21	1280	1200	4440	1980	5110	16300	15400	16900	18600	5520	1930	1970	21
22	1290	1100	4420	2320	4990	15500	15800	19300 *	18700	4660	1940	2030	22
23	1320	1220	4400	3920	4990	13600	17000	16600	18300	4240	1860	2100	23
24	1320	1430	4400	4590	5180	10500	18400	17800	18000	3750 *	1860	2160	24
25	1190	1460	4300	4720 *	5010	8390	20400	19300	18400	3470	1890	2250	25
26	1100	1240	4200	5650	4630	7380	23700 *	21000	19200	3500	1860	2220	26
27	1100	1200	4160	4950	4260 *	6660	25000	21000	20200 *	2970	1850	2190	27
28	1120	1190	4100 *	5660	4100	6050	25200	20700	20900	2620	1930	2140	28
29	1140	1110	3670	6230	-	5450	25800	21000	21200	2440	1950	2290	29
30	1120	1220	3430	5960	-	4990	25900	21300	20800	2460	1910	2470	30
31	1130	-	3400	6760	-	5050	-	21900	-	2460	1960	-	31
MEAN	1101	1330	4375	3208	6363	6536	14490	20360	20000	10450	2021	2029	MEAN
MAX.	1320	1500	8470	6760	8270	16300	25900	24900	23200	21100	2360	2470	MAX.
MIN.	780	1040	1450	1900	4100	2240	5910	16300	16100	2440	1830	1800	MIN.
AC. FT.	67710	79120	269000	197300	553400	401900	862500	1252000	1190000	642500	124200	120700	AC. FT.

WATER YEAR SUMMARY

E - ESTIMATED
 HR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 # - E AND *

MEAN DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME
7681	26100	29.28	4	30	0200	NR				

TOTAL ACRE FEET
5561000

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
37 40 34	121 15 51		79000	32.81	12/9/50	7/22-12/23 0	7/22-12/23 0	1931	1959	5.06	USCGS
						1/24-2/25	1/24-2/25			0.00	USCGS
						6/25-10/28 0	6/25-10/28 0			3.3	USED
						5/29-DATE	5/29-DATE				

Station located 30 ft. above the Durham Ferry Highway bridge, 3 mi. below the Stanislaus River, 3.4 mi. NE of Vernalis. Maximum discharge listed at site then in use and present datum. Records furn. by USGS. Drainage area is 13,540 sq. mi.

" o - Irrigation season only

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1967	B00915	SOUTH SAN JOAQUIN IRRIGATION DISTRICT DRAIN 11 NEAR MANTEGA

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	17	5.3	2.5	3.0	16	7.4	22	6.8	21	18	17	45 E	1
2	22	5.1	2.6	3.0	17	7.4	19	6.5	24	16	22	31 E	2
3	32	4.9	2.6	3.0	9.2	8.4	18	6.5	20	17	29	32 E	3
4	26	4.8	2.7	3.0	7.8	13	15	7.4	18	17	28	29	4
5	27	4.6	3.3	2.8	7.4	11	26	7.8	16	21	27	14	5
6	26	4.9	4.1	2.8	7.6	8.6	27	4.6	18	23	24	26	6
7	23	4.9	4.8	2.8	8.6	12	23	4.8	27	19	29	31 E	7
8	20	4.6	4.3	2.8	8.6	12	19	4.8	21	17	25 E	32 E	8
9	12	4.6	4.0	2.7	8.4	11	13	11	15	24	33	29	9
10	14	4.6	3.8 E	2.8	14	13	12	11	15	29	32	30	10
11	28	4.4	3.8 E	2.7	17	16	12	16	18	26	23	36 E	11
12	22	4.4	3.7	2.7	15	14	12	24	29	22	14	32 E	12
13	24	4.4	3.7	2.7	10	12	12	23	28	26	17	36 E	13
14	24	4.4	3.5	3.4	8.2	10	12	30 E	25	35	18	38 E	14
15	23	4.4	3.5	3.8	7.6	11	13	22	23	28	27	32 E	15
16	22	4.4	3.5	3.5	7.8	11	11	15	18	21	28	34 E	16
17	18	4.4	3.5	3.7	7.8	11	11	12	18	23	27	34 E	17
18	16	4.3	3.4	3.7	8.0	11	11	10	17	18	33 E	24	18
19	16	4.3	3.4	3.7	7.0	11	11	16	18	17	22	25	19
20	16	4.3	3.4	3.4	6.3	11	11	16	18	18	16	33 E	20
21	16	4.0	3.4	4.3	7.2	11	12	15	17	27	14	26 E	21
22	15	2.8	3.4	11	6.8	11	11	24	22	27	14	28 E	22
23	12	2.6	3.3	7.8	7.6	9.6	11	21	22	31	20	35 E	23
24	9.8	2.6	3.3	7.6	7.8	6.5	11	21	20	26	25	31 E	24
25	7.2	2.6	3.3	9.8	7.6	5.6	10	20	19	25	31 E	18	25
26	6.3	2.6	3.1	7.8	7.4	12	10	21	18	22	29	29	26
27	6.1	2.6	3.1	6.8	7.4	13	10	24	19	21	22	31 E	27
28	5.8	2.7	3.1	6.7	7.2	12	9.2	25	19	24	21	27	28
29	5.6	2.5	3.1	6.8		14	6.3	17	21	26 E	32	28	29
30	5.4	2.5	3.1	8.2	15	6.1	18	21	33 E	39 E	45 E	30	31
31	5.4		3.0	8.8	36 E	729	24		32 E	37 E	1537	1827	
MEAN	16.9	4.0	3.4	4.8	9.2	11.9	13.6	15.6	20.2	23.5	25.0	30.7	MEAN
MAX.	32	5.3	4.8	11	17	36 E	27	30 E	29	35	39 E	45 E	MAX.
MIN.	5.4	2.5	2.5	2.7	6.3	5.6	6.1	4.6	15	16	14	14	MIN.
AC. FT.	1037	237	209	293	513	729	806	962	1200	1446	1537	1827	AC. FT.

WATER YEAR SUMMARY

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 DF NO FLDW MADE THIS DAY
 # - E AND *

MEAN DISCHARGE 15.0	MAXIMUM DISCHARGE NR	MINIMUM DISCHARGE 0.0						
MO	DAY	TIME	MO	DAY	TIME	MO	DAY	TIME

TOTAL ACRE FEET 10795

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO DM GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
37 45 38	121 16 50	SW14 2S 6E				JAN 59-DATE	JAN 59-DATE	1959		0.00	LOCAL
Station located 400 ft. E of Walthall Slough, 1.9 mi. SE of Junction of State Highway 120 and U. S. Highway 50, 4.3 mi. SW of Manteca. This is drainage returned to San Joaquin River via Walthall Slough. Backwater from Walthall Slough at times affects the stage discharge relationship.											

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	B02920	DUCK CREEK DIVERSION NEAR FARMINGTON

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.0	0.0	0.0	0.0	0.0	20	0.0	0.0	0.0	0.0	0.0	1
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4
5	0.0	0.0	111	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5
6	0.0	0.0	201	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6
7	0.0	0.0	0.8	0.0	0.0	0.0	127	0.0	0.0	0.0	0.0	0.0	7
8	0.0	0.0	0.0	0.0	0.0	0.0	212	0.0	0.0	0.0	0.0	0.0	8
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10
11	0.0	0.0	0.0	0.0	0.0	0.0	124	0.0	0.0	0.0	0.0	0.0	11
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15
16	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	16
17	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	17
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18
19	0.0	0.0	0.0	0.0	0.0	0.0	39	0.0	0.0	0.0	0.0	0.0	19
20	0.0	0.0	0.0	0.0	0.0	85	0.0	0.0	0.0	0.0	0.0	0.0	20
21	0.0	0.0	520	0.0	0.0	23	0.0	0.0	0.0	0.0	0.0	0.0	21
22	0.0	0.0	570	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	22
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23
24	0.0	0.0	143	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24
25	0.0	0.0	32	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27
28	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28
29	0.0	0.0	0.0	80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29
30	0.0	0.0	221	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31
MEAN	0.0	0.0	10.1	51	0.0	1.3	21	0.0	0.0	0.0	0.0	0.0	MEAN
MAX.	0.0	0.0	201	570	0.0	34	212	0.0	0.0	0.0	0.0	0.0	MAX.
MIN.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MIN.
AC. FT.				620	3109	77	1256						AC. FT.

WATER YEAR SUMMARY

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 DF - NO FLOW MADE THIS DAY
 # - E AND *

MEAN DISCHARGE	DISCHARGE	MAXIMUM	MINIMUM	TOTAL
7.0	1970	GAGE HT. MO. DAY TIME	GAGE HT. MO. DAY TIME	ACRE FEET 5061

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B. & M.	DF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
37 56 18	120 59 21	NE16 1N 9E	3690	7.65	4/2/58	SEP 51-DATE	SEP 51-DATE	1951		105.0	USGS

Station located 1.0 mi. NE of Farmington. Flows are diversions from Duck Creek to Littlejohn Creek.
 Records furn. by USCE. Drainage area is 28 sq. mi.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	B02870	LITTLEJOHN CREEK AT FARMINGTON

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	2	10		1	10	1830	26	348	94	14	7.8	7.8	25
2	2	5		1	9	1480	25	247	79	23	6.6	14	30
3	1	3		2	7	403	23	156	67	23	6.6	7.0	23
4	1	2		8	6	224	21	99	60	21	5.0	1.8	21
5	2	3		287	5	156	20	156	54	18	3.0	0.1	23
6	5	7		690	4	121	18	287	47	18	5.8	0.2	21
7	5	12		928	3	99	15	1230	41	23	1.8	4.2	25
8	4	12		1610	2	81	12	1910	37	25	3.0	1.8	8
9	1	12		530	2	70	8.6	1740	34	22	5.0	1.8	6.6
10	1	11		260	2	63	4.6	579	33	20	3.0	2.2	1.0
11	1	10		204	1	58	6.6	1130	34	21	7.0	10	10
12	6	6		163	1	54	14	1780	39	19	8.6	9.0	6.6
13	8	4		142	1	50	54	850	40	20	5.0	6.2	11
14	12	3		120	1	45	171	399	35	17	1.0	0.2	20
15	9	2		104	0.9	42	198	259	28	19	4.2	4.6	19
16	5	3		98	0.8	39	287	228	24	15	7.0	13	20
17	3	3		86	0.8	38	518	206	21	16	8.6	8.2	20
18	4	3		78	0.7	36	527	436	13	11	4.6	4.6	19
19	12	2		72	0.7	34	522	1830	11	10	3.0	1.0	22
20	12	3		68	0.7	32	500	1840	13	10	6.6	2.2	20
21	14	2		65	520	29	455	987	9.5	11	11	5.0	23
22	12	2		61	1590	28	254	1660	7.0	7.8	11	11	22
23	11	2		58	1710	27	86	1680	10	5.8	8.2	9.0	36
24	5	1		44	1510	26	68	756	4.6	9.5	8.2	7.0	34
25	2	1		38	860	25	59	464	11	8.6	7.8	6.2	30
26	2	1		35	1540	26	52	460	11	9.0	11	7.8	28
27	2	1		29	1790	27	45	435	13	9.0	8.6	14	27
28	2	1		22	1040	27	40	339	9.0	8.2	11	17	28
29	7	1		19	582	37	164	8.2	10	10	7.8	19	29
30	14	1		16	1050	34	118	7.0	10	11	5.8	16	20
31	14	1		13	1590	89			9.0	10	13		31
MEAN.	35.8	4.3		189	446	185	135	759	29	15	6.8	6.6	21
MAX.	14	12		1610	1790	1830	527	1910	94	25	11	17	36
MIN.	1	1		1	0.7	25	4.6	99	4.6	5.8	1.0	0.1	1.0
AC. FT.	359	256		11607	27453	10255	8310	45170	1792	900	418	404	1244

WATER YEAR SUMMARY

E - ESTIMATED
NR - NO RECDRD
* - DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY
- E AND *

MEAN DISCHARGE	DISCHARGE	MAXIMUM GAGE HT.	MO	DAY	TIME	MINIMUM DISCHARGE	GAGE HT.	MO	DAY	TIME
149	2310		1	22		NR				

TOTAL ACRE FEET
108168

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R M.D.B & M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FRDM	TO		
37 55 38	121 00 08	NE20 1N 9E	3590	15.40	4/3/58	JUN 52-DATE	JUN 52-DATE	1952		89.97	USCGS
Station located 340 ft. below Farmington-Escalon Highway bridge. Flows entering Littlejohn Creek via Duck Creek Diversion are included. Flow regulated by Farmington Reservoir. Records furn. by USCE.											

ABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

		WATER YEAR	STATION NO.	STATION NAME
		1967	B02805	FRENCH CAMP SLOUGH NEAR FRENCH CAMP

AY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	30	18	2.7	9.5	1940	23	349 E	117	58	27	30	47	1
2	49	17	3.8	9.5	1630	21	251 E	97	87	25	34	53	2
3	47 *	14	49 *	9.5	590	19	150 E	81	102	33	31	72	3
4	52	12 *	80	9.5	252	18	100 E	72	111	26	51	50	4
5	69	11	188	9.5	181	16	150 E	74	123	16	26	48	5
6	69	22	753	13	154	14	226 #	70	138	30 *	40	53	6
7	77	28	869	9.6	124	13 *	928	97	131	57	43	47	7
8	51	26	1720	9.1	105 *	11	1920	85	112 *	45	41	78	8
9	42	16	774 *	9.1	89	11	1800	70	95	34	50	68	9
0	35	14	234	9.6	77	9.9	713	87	107	30	36	80	10
1	27	11	152	8.9 *	67	9.5	858	76	95	18	38	93	11
2	22	8.9	112	8.9	60	11	1810	57	80	24	29	86	12
3	21	7.1	85	8.9	53	27	1090	53	77	34	30	87	13
4	19	5.2	68	8.5	47	107	373	54	81	23	36	112	14
5	22	4.7	55	7.8	42	202	263	69	80	15	32 *	125	15
6	23	12	46	7.8	38	197	199	81	79	31	31	119	16
7	47 E	17	38	7.8	34	497	190	84	75	26	42	123	17
8	20	13	35	7.8	32	493	268	54	75	39	57	119	18
9	15	7.8	30	7.8	30	466	1520	14 #	62	30	29	123	19
0	16	9.3	28	7.5	29	444	1870	18 E	69	34	29	130	20
1	14 *	15	26	116	27	411	1250 *	17	40	20	16	129	21
2	18	16	24	1930	25	304	1440	18	33	22	17	102	22
3	17	17	22	2000 *	25	112	1760	23	48	46	13	107	23
4	19	13	21	2090 *	24	77 E	1090	45 *	45	35	32	119	24
5	21	6.4	17	1280	24	61 E	538	48	42	23	43	126	25
6	20	3.7	16	1720	22	50 E	484	46	46	33	48	96	26
7	20	2.8	15	1800	23	45 E	435 *	53	39	46	64	95	27
8	15	3.5	13	1330	23	40 E	373	54	50	36	52	81	28
9	15	5.2	12	646		35 E	195	46	37	35	43	72	29
0	12	3.8	11	1090 *		32 E	144	31	27	18	54	76	30
1	18		10	1740		70 E		32		15	49		31
AN	30.4	12.0	178	514	206	124	758	58.8	74.8	29.9	37.6	90.5	MEAN
X.	77	28	1720	2090	1940	497	1920	117	138	57	64	130	MAX.
N.	12	2.8	2.7	7.5	22	9.5	100	14	27	15	13	47	MIN.
FT.	1868	715	10930	31580	11440	7629	45100	3616	4451	1837	2313	5387	AC.FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM				MINIMUM	TOTAL				
175	DISCHARGE	GAGE HT.	MO.	DAY	DISCHARGE	GAGE HT.	MO.	DAY	TIME	ACRE FEET
	2300	9.81	1	22	0945	2.1	2.10	12	1	1630

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R M.D.B.&M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
37 52 52	121 14 53	NE 6 1S 7E	3390	6.31	12/9/50	JAN 50-MAY 50 'OCT 50-DATE	JAN 50-MAY 50 'OCT 50-DATE	1950	1955	0.00	LOCAL LOCAL

Station located at Airport Way bridge, 1.5 mi. E of French Camp. During periods when backwater from a temporary diversion dam affects the stage-discharge relationship, a supplementary water stage recorder, located 0.5 mi. downstream on the bypass, is used for computations. Tributary to San Joaquin River. Maximum discharge listed at site and datum then in use.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1967	B00907	SOUTH SAN JOAQUIN IRRIGATION DISTRICT MAIN DRAIN NEAR LATHROP

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	30	5.6	3.0	4.0 E	12 #	7.1	15 E	6.7	31	25	21	31	1
2	28	3.6	5.0	4.0 E	11 E	8.0	16 E	6.6	31 E	26	24	31	2
3	37 *	3.4	4.3	4.0 E	11 E	7.9	17 E	6.6	32 E	38	27	29	3
4	34	3.3 *	7.4	4.0 E	11	7.0	17 E	9.7	32 E	36	26	33	4
5	25	3.2	9.7	4.0 E	11	6.2	18 E	13	33	28	27	31	5
6	22	5.7	10	3.7 E	10	8.2	19 E	16	34 E	26	34	34	6
7	29	6.3	8.3 *	3.7 E	9.6	9.1 *	20	18	34	24	29	36	7
8	27	3.6	11 E	3.7 E	9.4 *	8.3	18 E	20	25	23	27	29	8
9	25	3.2	14 E	3.7 E	9.1	8.3	16 E	18	38	29	26	28	9
10	26	3.2	8.2	3.7 E	8.8	9.0	14	22	43	22	30	36	10
11	26	3.2	6.5	3.4 #	8.6	11	9.6	16	48	26	23	35	11
12	26	3.0	6.1	3.3	8.4	8.7	8.9 E	17	39	26	21	20	12
13	17	2.9	5.8	3.2	8.3	8.0	8.2 E	27	25	24	27	23	12
14	16	2.8	5.7	3.2	8.7	8.0	7.5	31	25	24	25	26	14
15	14	3.0	5.6	3.0	8.8	7.9	7.6	18	26	21	24	29	15
16	12	5.1	5.5	2.9	7.9	11	7.5	19	23	21	28	29	16
17	11	3.0	5.6	2.8	7.6	8.6	8.0	21	25	21	25	23	17
18	12	2.7	5.3	2.8	7.5	8.4	7.8	22	26	22	23	30	18
19	12	3.2	5.1	2.6	7.2	6.2	7.7 E	26	24	26	23	27	19
20	9.1	4.5	5.0 E	3.0	6.8	5.4	7.6 E	23	26	34	24	24	20
21	6.0 *	3.5	4.6 E	3.8 E	6.8	6.2 E	7.5 E	23	30	27	23	30	21
22	5.1	3.3	4.6 E	4.6 E	6.8	7.0 E	7.6 E	22	34	19	23	33	22
23	4.9	3.0	4.6 E	5.4 E	6.5	7.8 E	7.3 E	22	30	22	24	35	23
24	6.2	2.7	4.6 E	6.2 E	6.6	8.6 E	7.2 E	21	29	33	23	36	24
25	8.0	2.7	4.6 E	7.0 E	7.0	9.4 E	7.1	21	23	33	27	36	25
26	6.3	2.7	4.3 E	7.8 E	6.3	10 E	7.0	20	26	31	35	29	26
27	8.3	2.6	4.3 E	8.6 E	6.1	11 E	7.1	25	30	26	30	33	27
28	8.7	4.9	4.3 E	9.4 E	6.0	12 E	7.1	26	24	24	29	33	28
29	8.0	3.2	4.3 E	10 E		13 E	7.4	27	25	22	24	31	29
30	5.8	2.9	4.3 E	11 E		13 E	7.4	34	21	21	31	25	30
31	5.6	4.3 E	12 E			14 E		36	26	26	36		31
MEAN	16	3.5	6.0	5.0	8.4	8.8	11	20	30	26	26	30	MEAN
MAX.	37	6.3	14 E	12 E	12 E	14 E	20	36	48	38	36	36	MAX.
MIN.	4.9	2.6	3.0	2.6	6.0	5.4	7.0	6.6	21	19	21	20	MIN.
AC. FT.	1014	210	369	306	466	544	640	1257	1769	1599	1624	1795	AC. FT.

WATER YEAR SUMMARY

MEAN	MAXIMUM				MINIMUM				TOTAL		
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME	ACRE FEET
16.0	55.4 E	23.17	6	10	0915	2.2	20.42	11	28	0000	11590

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.O.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
37 49 35	121 15 43	SE24 1S 6E				MAR 65-DATE	MAR 65-DATE	1965 1965	1965 1965	0.00 0.00	LOCAL LOCAL

Station located at Lathrop Road bridge, 0.8 mi. E of Lathrop. Prior to Dec. 9, 1965, station located 0.7 mi. S of French Camp road, 1.0 mi. S of French Camp, 3.0 mi. downstream from present location. This is drainage returned to San Joaquin River via French Camp Slough. Backwater from French Camp Slough at times affects the stage-discharge relationship.

ABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967	B02835	DUCK CREEK NEAR STOCKTON	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	5.0	3.8	0.3	0.0	80	0.0	75	2.2	5.8	9.2	6.8	5.9	1
2	3.8	3.8	0.7	0.0	25	0.0	27	1.2	8.6	5.9	6.5	7.0	2
3	4.1 *	3.7	5.6	0.0	12	0.0	12	0.2	6.7	4.6	5.5	7.1	3
4	5.5	2.1	7.2	0.0	8.1	0.0	8.8	0.1	4.5	7.3	5.9	6.9	4
5	4.5	0.7	63	0.0	6.9	0.0	3.8	0.0	4.9	6.6	6.8	5.9	5
6	5.8	1.0	151 E	0.0	7.9	0.0	3.1 *	0.0	4.8	7.6	7.5	6.8	6
7	5.1	0.9	144 #	0.0	5.7	0.0 *	269	0.4	5.7	10	5.4	8.3	7
8	3.6	0.3	39	0.0	2.7	0.0	127	0.8	5.4 *	8.4	7.2 *	7.6	8
9	6.6	0.3	16	0.0	1.4	0.0	31	0.8	4.0	7.5	7.0	9.2	9
10	4.5	0.4	12	0.0	1.1	0.0	13	1.0	5.6	8.8	7.3	9.0	10
11	3.2	0.3	7.6	0.0 *	0.7	0.0	147	0.2	4.7	6.7	8.4	8.4	11
12	2.4	0.3	10	0.0	0.5	0.0	57	0.0	3.9	5.3	9.9	9.0	12
13	1.2	0.3	7.1	0.0	1.5	0.0	16	0.3	4.4	7.7	10	9.5	13
14	1.2	0.1	3.4	0.0	0.9	0.0	8.4	0.7	5.8	7.1	9.1	8.1	14
15	1.0	0.2	2.5	0.0	0.1	0.0	5.3	1.8	5.8	6.3	7.9	6.5	15
16	1.6	1.0	2.0	0.0	0.0	2.9	2.5	1.9	5.6	7.2	6.9	7.4	16
17	0.7	1.8	1.3	0.0	0.0	95	1.9	2.1	7.0	7.2	7.5	7.8	17
18	0.9	0.6	0.9	0.0	0.0	22	2.2	2.6	6.8	6.7	8.6	5.5	18
19	0.9	0.4	0.6	0.0 *	0.0	10	138	2.3	8.2	6.1	8.4	6.5	19
20	1.8	1.8	0.4	0.0	0.0	7.6	67	2.6	9.8	8.3	9.1	8.2	20
21	1.4	3.0	0.3	33	0.0	3.3	50	2.5	7.7	6.9	9.8	11	21
22	1.4	1.7	0.2	378 #	0.0	1.9	147	2.1	8.1	7.9	11	11	22
23	2.0	0.5	0.1	132 #	0.0	1.0	38	2.6	8.5	8.1	9.0	11	23
24	2.8	0.2	0.0	174	0.0	0.5	78	3.9	9.9	7.5	7.7	8.9	24
25	3.5	0.1	0.0	287 *	0.0	0.2	41	4.8	9.1	11	7.9	5.9	25
26	3.8	0.3	0.0	76	0.0	0.1	16	5.3	7.3	8.9	7.6	5.2	26
27	2.5	0.2	0.0	22	0.0	0.0	10	5.0	9.2	6.1	8.2	5.2	27
28	1.9	1.1	0.0	13	0.0	0.0	5.1	4.7	6.7	4.7	8.4	5.6	28
29	2.1	3.4	0.0	192	0.0	0.0	2.5	4.6	8.7	5.1	10	4.6	29
30	1.2	2.0	0.0	304 E	0.1	2.0	4.4	7.6	6.5	6.9	2.1	30	
31	2.8	0.0	0.0	236	0.5	0.5	6.6	5.2	7.3			31	
EAN	2.8	1.2	15.3	59.6	5.5	4.6	46.8	2.2	6.7	7.2	7.9	7.4	MEAN
MAX.	6.6	3.8	151	378 E	80	95	269	6.6	9.9	11	11	11	MAX.
MIN.	0.7	0.1	0.1	0.0	0.0	0.0	1.9	0.0	3.9	4.6	5.4	2.1	MIN.
C.FT.	176	72	943	3663	306	288	2786	134	398	441	487	439	AC.FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM				MINIMUM				TOTAL ACRE FEET		
14.0	DISCHARGE	GAGE HT.	MO	DAY	TIME	DISCHARGE	GAGE HT.	MO	DAY	TIME	10130

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
37 55 30	121 15 02	NE35 1N 7E	400	5.75	12/24/55	JAN 50-APR 50 OCT 50-APR 51 OCT 50-APR 51 1953 OCT 51-DATE OCT 51-DATE 1957	JAN 50-APR 50 6.6 1957	1950 1955 1957	1953 1957 1965	0.00 0.00 0.00	LOCAL LOCAL LOCAL

Station located 35 ft. below B Street bridge, immediately S of Stockton. Prior to Nov. 10, 1965, station located at Laurel Ave., 0.2 mi. upstream from present location. Tributary to San Joaquin River via French Camp Slough. During high flow, water from Duck Creek enters Mormon Slough approx. 2 mi. E of the head of Stockton Diverting Canal. Discharge listed does not include this overflow. Flow regulated by gravity culverts which divert to Littlejohn Creek. Maximum discharge listed at site and datum then in use.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	802520	CALAVERAS RIVER NEAR STOCKTON

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.0	0.0	3.0	111	21	33	74	30	7.0	2.1	29	1
2	1.0	0.0	0.0	3.0	64	22	13	41	41	28	23	29	2
3	5.3 *	0.0 *	1.9	3.0	57	14	50	0.2	28	18	30	35	2
4	5.8	0.0	8.6	0.7	42	10	42 *	3.5	29	17	27	39	4
5	4.9	0.0	21	0.0	28	7.9	41	3.0	31	17	26	18	5
6	3.3	0.0	137	0.0	24	5.8	51	0.5	27	22 *	27	11	6
7	1.0	0.0	147	0.1	2.2 *	4.8	176	0.0	12	33	21	28	7
8	0.2	0.0	72 *	0.8	0.0	4.0	89	0.0	2.8 *	21	22 *	36	8
9	0.0	0.0	47	0.8	0.0	3.3	50	0.0	1.1	26	27	32	9
10	0.0	0.0	12	0.8	0.0	2.7	45	0.3	0.6	25	30	36	10
11	0.0	0.0	8.6	0.8	0.0	3.5	41 *	4.3	0.2	20	34	39	11
12	0.0	0.0	7.0	0.8	0.0	9.3	14	1.4	0.1	18	31	44	12
13	0.0	0.0	5.9	0.7	0.0	44	0.7	0.2	0.0	11	31	43	13
14	0.0	0.0	0.5	0.6	0.0	3.3	0.0	0.0	0.0	15	31	43	14
15	2.8	1.1 *	2.5	0.5	0.0	0.0	0.0	0.0	2.2	26	14	38	15
16	26	2.3	7.4	0.4	0.0	0.0	0.0	0.0	26	32	6.2	41	16
17	30	0.6	2.4	0.3	0.0	13	0.0	0.2	25	36	12	44	17
18	27	0.1	0.0	0.2	0.0	2.0	0.0 *	0.7	28	30	12	36	18
19	9.5	0.0	0.0	0.2	0.0	5.9	2.1	0.1	22	28	6.0	34	19
20	1.9	0.0	0.0	0.6	0.0	6.9	11	0.2	17	19	35	22	20
21	0.9	0.0	20	0.0	4.8	7.9	0.8	7.5	11	19	22	21	
22	0.3	0.0	5.4	498	0.0	5.9	56	0.9	1.6	12	18	24	22
23	0.0	0.2	7.5	143	0.0	58	17	1.4	9.2	12	18	22	
24	0.0	2.5	3.5	313	0.0	49	9.0	2.6	19	13	15	24	24
25	0.0	1.9	3.0	378 *	0.0	45	2.7	19	28	15	24	16	25
26	0.0	0.7	3.1	346 *	0.0	40	12	27	14	15	18	16	26
27	0.0	0.1	2.9	89	0.0	34	85	38	3.7	18	23	27	
28	0.0	0.2	3.0	66	0.7	27	87	38	9.9	21	14	20	28
29	0.0	0.4	3.1	129	0.0	12	78	34	13	5.5	2.5	2.9	29
30	0.0	0.0	3.3	184	0.0	17	75	35	8.5	23	24	1.2	30
31	0.0	0.0	3.1	316 *	0.0	30	0.0	33	12	31			21
MEAN	3.9	0.3	16.7	80.6	11.8	16.3	36.3	11.6	14.6	19.6	21.1	28.3	MEAN
MAX.	30	2.5	147	498	111	58	176	74	41	36	35	44	MAX
MIN.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	2.1	1.2	MIN
AC. FT.	238	20	1029	4957	652	1004	2159	713	868	1203	1297	1682	AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM				MINIMUM				
DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME
21.9	679	10.27	1	22	1045	0.0	10	1	0000

TOTAL ACRE FEET
15820

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R M.D.B.&M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 01 14	121 13 45	SE17 2N 7E	760 E	12.61	1/6/65	DEC 48-DATE	DEC 48-DATE	1948	1949	0.00	LOCAL
								1949	1950	0.00	LOCAL
								1950	1952	0.00	LOCAL
								1952	1955	2.00	LOCAL
								1955	1959	0.00	LOCAL
								1959	1965	0.00	LOCAL
								1965		0.00	LOCAL

Station located below Solari Road bridge, 5 mi. NE of Stockton. Prior to Oct. 28, 1965, station located 0.5 mi. above U.S. Highway 99 bridge, 1.5 mi. downstream from present location. Summer flows regulated by removable diversion dam 40 ft. above station operated by Stockton East San Joaquin Water Conservation District. Maximum discharge listed at site and datum then in use.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967	802560	MORMON SLOUGH AT BELLOTA	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		2.7	5.9	8.5	2130	0.0	520	520					1
2		2.0	4.2	7.9	1900	0.0	90	98					2
3		2.7 *	13	11	1600	0.0	12	49 *					3
4	N	3.7	21	14	209	0.0	2.4 *	N	N	N	N	N	4
5	O	6.1	172	12 *	115	0.0	19	O	O	O	O	O	5
6	T	8.2	758	10	105	0.0	149	T	T	T	T	T	6
7		6.7	274 *	9.7	105 *	0.0	1570						7
8		0.0	57	9.3	92	0.0 *	360						8
9	C	0.0	38	9.3	83	0.0	117	C	C	C	C	C	9
10	O	2.0	59	8.9	78	0.0	104	O	O	O	O	O	10
11	M	4.1	40	8.7	72	0.0	1160 *	M	M	M	M	M	11
12		4.6	22	11	67	2.5	268						12
13	P	4.6	23	14	61	269	139	P	P	P	P	P	13
14	U	4.7	15	15	58	1680	88	U	U	U	U	U	14
15	T	5.7	6.6	15	49	1620	67	T	T	T	T	T	15
16	E	16	6.7	14	40	2300	79	E	E	E	E	E	16
17		11	9.8	14	37	3220	56						17
18	D	9.4	8.4	15	35	3740	1860 *	D	D	D	D	D	18
19		10	7.4	15	34	3690	3670						19
20		12	10	16	32	3220	4430 *						20
21		11	8.6	972	31	1670	5280 *						21
22		9.2	6.0	2300	30	384	4970						22
23		5.7	7.9	662	31	30	4220						23
24		1.0	9.3	3540	30	7.2	4270						24
25	2.3	0.0	9.2	3250	29	1.6	3750						25
26	3.3	0.0	9.3	4410 *	30	0.0	1200 *						26
27	5.8	0.0	8.9	3970 *	19	0.0	1020						27
28	32	2.4	8.6	1950 *	0.0	0.0	919						28
29	16	7.1	8.8	2630		0.0	692						29
30	4.2	5.6	9.0	3030		0.0	666						30
31		3.0	8.6	3360		156							31
MEAN		5.3	53.1	978	254	709	1392						MEAN
MAX.		16	758	4410	2130	3740	5280						MAX.
MIN.		0.0	4.2	7.9	0.0	0.0	2.4						MIN.
AC. FT.		314	3263	60120	14090	43620	82810						AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM DISCHARGE	MINIMUM DISCHARGE							
DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME

TOTAL ACRE FEET

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 # - E AND *

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 03 10	121 00 37	SW 5 2N 9E				DEC 48-DATE	DEC 48-DATE	1948 1952	1952 1952	0.00 0.00	LOCAL LOCAL

Station located 0.2 mi. above Farmington-Bellota Highway bridge, 0.2 mi. E of Bellota. Flow regulated by Hogan Reservoir. During irrigation season, flow is reregulated by boards placed across diversion dam immediately downstream which control division of water between the Calaveras River and Mormon Slough. This is flow from Calaveras River which is returned to the river via Stockton Diverting Canal. Flows are computed for the period when boards are not placed across diversion dam.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967	B02580	STOCKTON DIVERTING CANAL AT STOCKTON	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.3	1.4	0.5 E	0.0 E	2300 E	1.0	548	482	36	5.7	8.1	2.2	1
2	1.0	1.1	2.3	0.0 E	1920 E	0.0	161	87	34	2.6	2.2	3.7	2
3	0.5 #	0.5 #	11	0.0 E	1760 E	0.0	27	40 *	23	6.7	12	6.0	3
4	0.7 E	0.2 E	44	0.0 E	340 E	0.0	6.8	37	22	6.1	18	6.5	4
5	2.5	0.2 E	125	0.0 #	120 E	0.0	1.6 *	39 *	24	6.8	4.6	0.2	5
6	8.3	0.5 E	1150	1.0	110 E	0.0	14	10	24	11 *	5.0	9.7	6
7	6.5	2.5 E	932	0.5 E	110 E	0.0	1730 *	10	24	2.2	7.5	30 *	7
8	8.0	2.5	163 *	0.0 E	95 E	0.0	727	13	35 *	2.0	5.9 *	19	8
9	5.1	1.7	60 *	0.0 E	85 E	0.0	182	5.4	11	1.6	12	13	9
10	2.5	1.9	63	0.0 E	78 E	0.0	65	1.7	3.8	0.0	13	18	10
11	1.9	1.0 E	76	0.0 E	70 E	0.0	1210 *	0.3	5.2	9.5	17	25	11
12	1.6	0.5 E	39	0.0 E	64 E	0.0	362	0.0	6.8	27	15	22	12
13	1.4	0.0 E	19	0.5 E	56 E	0.0	147	0.0	5.4	24	14	25	13
14	0.9	0.0 E	17	2.5	54 E	1080	82	0.0	15	20	24	26	14
15	0.7	0.0 #	6.8	2.8	42 E	1310 *	52	0.0	15	17	6.1 *	24	15
16	0.5 E	0.5 E	1.4	2.8	35 E	1970	50	0.0	38	7.3	5.9	16	16
17	0.2 E	0.5 E	0.7	2.7	27 #	3280	44	0.0	30	15	10	21	17
18	0.5 E	0.5 E	0.2 E	2.7	26 E	3810	1260	0.0	18	2.8	19	19	18
19	4.7	3.5 E	0.0 E	2.6	25 E	3770	3770	0.5	15	4.7	14	24	19
20	6.4	7.4	0.0 E	3.3	24 E	3470	4510 *	17	8.0	8.7 *	15	43	20
21	2.0	8.8 *	0.0 E	467	23 E	1710	5400 #	13	7.8	13	8.5	34	21
22	1.5	10	0.2 E	365 #	22 E	444	5580 E	8.2	10	0.7	10	6.5	22
23	1.2	7.6	0.2 E	770 #	22 E	83	4900 E	14	17	0.0	7.5	0.4	22
24	0.2 E	4.0	0.0 E	3500 E	22 E	18	4900 E	27	25	11	2.2	0.0	24
25	0.0 E	1.8	0.0 E	3400 #	21	6.1	4300 E	41	14	5.0	0.4	2.4	25
26	0.0 E	0.2 E	0.0 E	4200 #	20	1.4	1040 *	21	20	3.7	0.0	4.1	26
27	0.0 E	0.0 E	0.0 E	4300 E	18	0.2	957 *	23	14	8.6	1.3	6.1	27
28	0.0 E	0.5 E	0.0 E	2100 #	9.2	0.0	876	29	7.0	1.6	3.3	4.5	28
29	0.5 E	0.0 E	0.0 E	2700 E		0.0	567	30	21	0.9	5.3 *	2.0	29
30	4.8	0.0 E	0.0 E	3100 E		0.6	522	31	18	5.3	10	2.2	30
31	2.2	0.0 E	0.0 E	3700 E		1.3	31	14	7.2				31
MEAN	2.2 ~	2.0	87.5	1029	268	676	1466	32.6	18.2	7.9	9.2	13.9	MEAN
MAX.	8.3	10	1150	4300 E	2300	3810	5580 E	482	38	27	24	43	MAX.
MIN.	0.0 E	0.0 E	0.0 E	0.0 E	9.2	0.0	1.6	0.0	3.8	0.0	0.0	0.0	MIN.
AC. FT.	134	118	5378	63290	14870	41570	87260	2005	1085	485	563	824	AC. FT.

WATER YEAR SUMMARY

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 # - E AND *

MEAN DISCHARGE	MAXIMUM				MINIMUM				
301	DISCHARGE	GAGE HT.	MO.	DAY	DISCHARGE	GAGE HT.	MO.	DAY	TIME
6600 E	13.72	4	22	0115	0.0 E	87260	10	25	

TOTAL ACRE FEET
217600

LOCATION			MAXIMUM DISCHARGE				PERIOD OF RECORD				DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM		
			CFS	GAGE HT.	DATE			FROM	TO				
37 58 53	121 14 54	NW 31 2N 7E	11400E	17.10E	4/4/58E	JAN 44-DATE	JAN 44-DATE	1954		0.00	LOCAL		
Station located 200 ft. upstream from U.S. Highway 99E crossing over Stockton Diverting Canal, immediately NE of Stockton. Prior to 2/24/67 station located 200 ft. below Waterloo Road. This water diverted from the Calaveras River by Mormon Slough and returned to the river by Stockton Diverting Canal. During high flow periods, overflow from Calaveras River and Duck Creek may be included.													

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
	1967	BD2005	MOSHER SLOUGH NEAR STOCKTON

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	16	11	0.4	0.0 E	93	0.0 E	24	1.0 E	8.1	27	21	20	1
2	10	4.6	0.5	0.0 E	20	E	0.0 E	19	0.5 E	26	21	17	2
3	22 *	3.5 *	12	0.0 E	8.1 E	0.0 E	6.4	0.3 E	30	21	20	14	3
4	26	4.6	9.3	0.0 E	4.0 E	0.0 E	4.8 *	0.0 E	26	17	18	13	4
5	20	4.5	26	0.0 #	2.1 E	0.0 E	2.8	0.0 E	30 *	15	9.4	8.7	5
6	14	2.7	113	0.0	1.5 E	0.0 E	2.0 E	4.5 E	29	17 *	9.9	14	6
7	9.0	7.0	120	0.0	1.2 #	0.0 E	23	40	31	12	15	23	7
8	11	5.3	46 *	0.0	0.9 E	0.0 #	35	26	45	20	13	16	8
9	13	3.2	18	0.0	0.4 E	0.0 E	10	14	27	37	8.3	13	9
10	12	0.7	8.9	0.0	0.3 E	0.0 E	6.7	23 *	25	24	19	27	10
11	4.6	0.2	14	0.0	0.0 E	0.0 E	26	29	23	18	16	23	11
12	4.8	0.1	4.4	0.0	0.0 E	0.0 E	37	54	17	28	20	36	12
13	6.8	0.1	1.8	0.0	0.0 E	0.0 E	10	52	12	29	21	26	13
14	12	0.1	0.8	0.0	0.0 E	1.0 E	5.0	35	13	26	21	30	14
15	8.6	0.4	0.3	0.0	0.0 E	0.5 E	2.0	18	14	25	12	25	15
16	7.2	2.0	0.1	0.0	0.0 E	7.9	2.0	12	18	22	8.6	18	16
17	16	1.8	0.1	0.0	0.0 E	25	1.2 E	18	26	24	13	16	17
18	16	5.0	0.0	0.0	0.0 E	9.3	0.7 E	18	31	23	25	18	18
19	11	0.5	0.0	0.0	0.0 E	2.8	6.5 E	11	37	18	31	28	19
20	5.3	5.3	0.0	0.0	0.0 E	1.2 E	53 *	9.9	32	12	20	36	20
21	11	10 *	0.0	36	0.0 E	0.5 E	31	16	21	10	23	28	21
22	15	3.9	0.0	297 *	0.0 E	0.3 E	85	10	18	8.7	28	33	22
23	12	0.9	0.0	105	0.0 E	0.0 E	37	15	22	11	25	35	23
24	17	0.3	0.0	43	0.0 E	0.0 E	15	15	25	12	30	32	24
25	14	0.1	0.0 E	128	0.0 E	0.0 E	12	15	15	15	26	28	25
26	9.0	0.1	0.0 E	42	0.0 E	0.0 E	6.4	13	25	16	11	26	26
27	7.6	0.1	0.0 E	20	0.0 E	0.0 E	3.3	10	18	17	20	27	27
28	4.7	0.0	0.0 E	4.8	0.0 E	0.0 E	1.6 E	9.2	9.7	10	19	21	28
29	5.5	0.2	0.0 E	56	0.0 E	1.0 E	11	19	5.4	9.4	15	29	
30	6.5	2.1	0.0 E	149	0.0 E	1.6 E	6.4	23	19	8.8	12	30	
31	19	0.0 E	200 *		8.6 E	7.3			24 *	14		31	
MEAN	11.8	2.7	12.1	34.9	4.7	1.8	15.7	15.9	23.2	18.8	17.8	23.0	MEAN
MAX.	26	11	120	297	93	25	85	54	45	37	31	36	MAX.
MIN.	4.6	0.0	0.0	0.0	0.0	0.0	0.7	0.0	8.1	5.4	8.3	8.7	MIN.
A.C.FT.	727	159	745	2144	261	113	934	980	1380	1159	1096	1366	A.C.FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM DISCHARGE	MINIMUM DISCHARGE
15.3	362	7.68

TOTAL ACRE FEET
11060

LOCATION			MAXIMUM DISCHARGE				PERIOD OF RECORD				DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R M.D.B.&M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO OH GAGE	REF. DATUM			
			CFS	GAGE HT.	DATE			FROM	TO					
38 11 42	121 19 20	NW16 2N 6E	63	4.72	1/31/66	DEC 65-DATE	DEC 65-DATE	1965		0.00	LOCAL			

Station located 500 ft. below Sacramento Road bridge 1.0 mi. N of Stockton. Tributary to San Joaquin River via Disappointment Slough.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
		1967	BO2045 BEAR CREEK NEAR LOCKEFORD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DA
1	0.9	0.4 *	0.4 *	0.0	265 *	2.5	105	9.2	1.0	0.7	0.7 *	0.9	1
2	1.1	0.4	10	0.0	61	2.2	31	8.0	0.1	0.7	0.6	1.0	1
3	0.7 *	0.1	26 *	0.0	39	2.1	17	7.0	0.0	0.6	1.1	1.2	2
4	0.3	0.1	17	0.0	29	1.7	12	5.9	0.2	1.2	1.0	1.1	4
5	0.3	0.1	163	0.0 *	22	1.3	13	4.8	0.5	1.9	1.1	2.6	5
6	0.2	1.9	554 *	0.0	17	1.0	32	4.0	0.1	1.7	0.3	1.6	6
7	0.5	19	123 *	0.0	14	0.9	381	3.2	0.1	1.0	0.7	0.9	7
8	1.1	1.0	30	0.0	13	0.8	183	2.5 *	0.2	1.1	0.1	1.2	8
9	1.1	0.3	14	0.0	11	0.6	46	2.5	0.2	0.3	0.2	0.5	9
10	0.2	0.2	18	0.0	10 *	0.6	29	2.5	2.1	1.0	0.3	0.6	10
11	1.1	0.1	13	0.0	9.2	4.8	385	4.4	0.9	1.0	0.4	1.0	11
12	1.1	0.1	7.2	0.1	8.2	8.8	81	3.4	0.0	0.5	0.3 *	1.2	12
13	0.9	0.1	4.6	0.0	7.5	17 *	32	2.2	0.0	0.2	2.0	1.4	13
14	0.9	0.0	3.2	0.0	6.6	41	22	1.9	0.0	1.7	1.3	2.6	14
15	0.6	0.1	2.4	0.0	5.5	20	17	1.3	0.0	2.1	0.8	2.3	15
16	0.1	6.1	1.8	0.0	5.0	230	15	2.2	0.0	3.6	0.9	1.4	16
17	0.1	0.6	1.2	0.0	4.6	218	13	2.5	0.2	3.4	1.1	1.6	17
18	0.1	0.3	0.9	0.0	4.2	38	30	1.0	0.8	1.8	0.8	0.7 *	18
19	0.6	1.4	0.7	0.0	4.0	21	214	0.1	0.4 *	0.4	0.5	1.2	19
20	0.4	14 *	0.5	0.0	3.4	14	55	0.1	0.1	1.1	0.3	1.4	20
21	0.1	3.4	0.4	427	3.0	12	95	1.0	0.4	1.9	0.4	1.4	21
22	0.1	1.7	0.2	1020 *	2.5	9.4	359	0.9	0.4	2.4	0.7	1.6	22
23	0.1	0.9	0.1	90	2.4	8.2	86	0.4	0.4	1.8	0.7	3.3	23
24	0.1	0.4	0.1	265 *	2.5	7.5	106	0.4	1.0	1.6	0.7	3.0	24
25	0.3	0.2	0.1	213 *	4.4	6.3	55	0.1	1.3	1.9	0.9	1.9	25
26	0.6	0.1	0.1	50	5.2	5.2	32	0.2	1.4	1.2	1.7	2.0	26
27	1.8	0.1	0.1	41	4.2	4.6	20	0.5	0.4	1.2	1.4	1.1	27
28	1.8	3.1	0.1	49	3.2	4.2	16	0.5	0.5	2.4	1.2	1.6	28
29	0.7	1.7	0.0	385		3.8	14	0.2	0.1	0.4	1.0	1.3	29
30	0.9	0.5	0.0	473		5.2	11	0.1	0.2	1.9	0.3	1.0	30
31	0.3	0.0	0.0	892		4.6	0.2			1.2	0.4	21	
MEAN	0.62	1.95	32.0	126	20.2	23.8	83.6	2.36	0.43	1.42	0.77	1.49	MEAN
MAX.	1.8	19	554	1020	265	230	385	9.2	2.1	3.6	2.0	3.3	MAX
MIN.	0.1	0.0	0.0	0.0	2.4	0.6	11	0.1	0.0	0.2	0.1	0.5	MIN
AC. FT.	38	116	1970	7750	1120	1470	4970	145	26	87	47	88	AC. FT

WATER YEAR SUMMARY

E - ESTIMATED
 NR - NO RECDRD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 # - E AND *

MEAN DISCHARGE 24.6	MAXIMUM DISCHARGE 1500	MAXIMUM GAGE HT. 14.69	MO.	DAY	TIME	MINIMUM DISCHARGE 0.0	GAGE HT. 0.0	MO.	DAY	TIME
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TOTAL ACRE FEET 17820

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 09 15	121 08 15	SE31 4N 8E	2930	15.13	4/3/58	OCT 30-DATE	OCT 30-DATE	1930		80.68	USCGS
Station located 15 ft. below county road bridge, 0.8 mi. SE of Lockeford. Tributary to San Joaquin River. Records furnished by USGS. Drainage area is 47.6 sq. mi.											

ABLE B-5 (Cont.)

AILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967	B02010	BEAR CREEK NEAR LODI	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.6	2.3	6.9	0.3	429	4.1	184	11	9.3	0.3	0.2	5.7	1
2	0.8	1.4	25	0.3	146	3.6	60	11	3.1	2.1	0.5	4.5	2
3	2.1 *	3.3	129 *	0.3	78	3.3	24	7.3 *	2.2	2.8	0.7	5.9	3
4	1.9	2.7 *	74	0.2	48	3.2	15 *	5.0	1.6	1.0	0.4	7.9	4
5	0.8	1.9	460	0.2 *	33 E	2.6	13	3.6	4.4	2.3	1.2	2.4	5
6	1.9	2.4	1180	0.3	25 E	2.3	54	5.7	11	0.8 *	0.5	1.5	6
7	3.2	22 E	386 *	0.3	19 #	2.1	422 *	3.6	10	0.3	0.5	2.7 *	7
8	1.1	12	135 *	0.4	16	1.8	257	3.0	10 *	0.2	0.5 *	3.3	8
9	0.8	2.7	58	0.4	14	1.7	78	1.4	10	1.2	1.3	1.8	9
10	1.2	1.0	65	0.5	13	1.5	37	2.0	8.9	1.4	1.8	0.9	10
11	0.7	0.6	45	0.6	11	4.0	434	1.0	5.6	1.0	1.4	3.3	11
12	0.6	0.3	22	0.6	9.4	8.5	151	1.0	0.4	0.6	0.9	3.1	12
13	0.5	0.2	13	0.7	8.4	27	47	0.9	0.3	0.2	0.4	3.5	13
14	0.7	0.2	7.9	0.7	7.5	72	25	6.6	0.2	0.7	3.8	2.8	14
15	1.2	0.2	5.9	0.9	6.4	33 *	20	8.3	0.9	0.8	0.9 *	1.7	15
16	0.9	8.3	4.5	1.0	5.4	308 *	15	5.8	0.9	1.0	0.5	0.8	16
17	1.2	13	2.8	1.1	4.9	382	12	7.2	1.8	0.4	0.4	1.4	17
18	1.5	5.4	2.0	1.1	4.5	100	24	8.3	2.0	0.1	0.6	2.5	18
19	2.4	2.8	1.5	1.2	4.2	38	266	4.5	7.3	0.2	1.1	1.6	19
20	4.0	54	1.5	1.9	3.8	23	123 *	5.5	3.3	0.1	1.4	0.8	20
21	0.8	41 *	1.2	995 E	3.5	16	159	8.1	0.3	0.2	0.8	4.1	21
22	1.3	21	1.0	2190 *	3.2	12	482	5.2	0.1	0.1	1.5	4.7	22
23	1.7	11	0.9	273	3.4	9.7	189	8.3	0.1	0.0	2.5	3.8	23
24	1.1	4.2	0.9	445	3.2	8.3	195	10	0.0	0.0	2.2	4.1	24
25	0.9	1.7	0.7	386	4.5	7.2	130	8.0	1.0	0.1	1.9	3.9	25
26	4.7 E	1.1	0.6	136	6.1	6.1	59 *	6.5	2.7	0.9	2.0	3.2	26
27	5.4 E	0.9	0.9	92	6.4	5.6	33	8.8	2.1	1.3	1.6	4.1	27
28	3.9	5.1	0.5	101	4.8	5.2	23	8.9	0.1	0.3	3.5	2.2	28
29	2.9	28	0.4	592	4.6	19	5.7	0.0	0.4	1.3	1.6	2.9	29
30	2.3	15	0.4	852 *	7.2	14	6.3	0.0	0.5	0.7 *	1.2	30	30
31	2.3	0.5	0.5	1080	96	7.9				0.4	2.5		31
EAN	1.8	8.9	84.9	231	32.9	38.7	119	6.0	3.3	0.7	1.3	3.0	MEAN
MAX.	5.4	54	1180	2190	429	482	482	11	11	2.8	3.8	7.9	MAX.
MIN.	0.5	0.2	0.4	0.2	3.2	1.5	12	0.9	0.0	0.0	0.2	0.8	MIN.
C.FT.	112	527	5222	14190	1828	2379	7069	370	198	43	78	180	AC.FT.

WATER YEAR SUMMARY

- ESTIMATED
R - NO RECORD
* - DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY
- E AND *

MEAN DISCHARGE	MAXIMUM				MINIMUM	
	DISCHARGE	GAGE HT.	MO.	DAY	TIME	
44.5	4550	8.33	1	22	0245	0.0

TOTAL ACRE FEET
32200

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B & M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 03 37	121 12 26	SE28 3N 7E	670	3.35	1/30/66	DEC 65-DATE	FEB 65-DATE	1965		44.45	USCGS

Station located 50 ft. above Alpine Road bridge, 5.0 mi. SE of Lodi. Tributary to San Joaquin River via Disappointment Slough. Maximum discharge of record listed is for period Dec. 9, 1965 to date. Drainage area is 36.7 sq. mi.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
		1967	B02105 MOKELUMNE RIVER AT WOODBRIDGE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	33	132	68	36	93	36	100	2450	2570	795	188	753	1
2	54	164	78	36	57	34	230	2750	2590	1010	196	787	2
3	70	202	69	36	45	33	311	2870	2600	1070	203*	789	3
4	66	234	64	36	41	25	335	2840	2600	1190	238	784	4
5	56	186	78*	17*	39	24	342	2850*	2570*	1440	547	782	5
6	52	121	110	16	38*	30	366	2780	2590	1180	678	771	6
7	53	113	90	28	38	33	387*	2760	2610	914	694	768	7
8	59	98	76	31	36	35	378	2710	2580	1240	696	771	8
9	90	87	66	32	36	22*	370	2650	2570	899	705	787	9
10	102*	86	66	32	36	27	441	2650	2240	539	679	814	10
11	83	77	60	32	36	40	626	2650	2080	644	681	809	11
12	82	74	57	34	36	43	829	2640	2080	522	732	822*	12
13	84	71	56	34	36	40	865	2580	1620	504	732	829	13
14	75	71*	62	35	35	39	870	2570	1090	404	737	859	14
15	68	76	56	36	35	38	880	2580	645	932	715	861	15
16	63	102	55	35	35	52	880	2530	549	1020	696	895	16
17	67	77	52	34	35	71	880	2510*	511	1020	683	894	17
18	65	77	45	34	62	50	880	2520	487	980	685	899	18
19	67	83	43	33	37	38	880	2520	476	684*	719	897	19
20	68	116	43*	41	38	29	950	2530	469	639	741	892	20
21	66	89	42	96	36	23	1200	2530	450	552	737	888	21
22	61	82	41	289	35	18	1300	2530	404	299	710	940	22
23	59	57	21	134	34	18	1750	2520	412	187	703	1030	23
24	59	65	58	82	34	20	1750	2510	415	128	687	1060	24
25	53	64	38	106	39	20	1750	2510	421	150	717	1100	25
26	50*	64	37	62	35	20	1750	2500	421	196	724	1060	26
27	51	62	36	50	31	22	1800	2520	413	200	739	1060	27
28	50	78	36	50	27	24	2100	2520	709	259	751	1050	28
29	50	68	36	62		27	2450	2530	793	201	735	1060	29
30	48	65	36	105		39	2450	2530	787	218	726	1080	30
31	97		36	109		98	2540		224	726		31	
MEAN	64.5	98.0	55.2	57.8	39.8	34.5	1003	2603	1358	653	642	893	MEAN
MAX.	102	234	110	289	93	98	2450	2870	2610	1440	751	1100	MAX
MIN.	33	57	21	16	27	18	100	2450	404	128	188	753	MIN
AC. FT.	3970	5830	3390	3560	2210	2120	59700	160000	80830	40150	39470	53140	AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	DISCHARGE	MAXIMUM	MINIMUM
628	2970	17.72	5 3

TOTAL ACRE FEET

454400

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 # - E AND

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TD		
38.09 30	121 18 10	NB34 4N 6E	27000	29.58	11/22/50	5/24-10/25 8 1/26-DATE		1924 1931		18.9 14.9	USCGS USCGS

Station located 0.3 mi. below county highway bridge, 0.4 mi. below dam and canal intake of Woodbridge Irrigation District. Flow regulated by reservoirs and power plants. Records furn. by USGS. Drainage area is 661 sq. mi.

- Irrigation season only

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
	1967	B21160	SUTTER CREEK NEAR SUTTER CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY	
1	NF	NF	5.7	6.6	243	16 E	113	120	39	12	3.6	1.1	1	
2	NF	NF *	72	6.6	142	16 E	110	111	38	11	3.5	1.2	2	
3	NF	NF	85	6.6	104	*	15 E	103	105	*	3.4	1.4	3	
4	NF	NF	21	6.6	82	15 E	120	100	32	10	3.2	1.4	4	
5	NF	NF	99	7.0	69	15 E	153	95	52	9.9	2.8	1.5	5	
6	NF	NF	313 *	6.8 *	59	14 E	287	99	46	9.7	2.8	1.5 E	6	
7	NF	NF	109	6.6	50	14	606	87	36	9.4	2.8	1.5 E	7	
8	NF	NF	63	6.2	43	14	262	81	32	9.4	2.7	1.5 E	8	
9	NF	NF	37	6.1	39	13	180	80	30	9.4	2.7	1.5 E	9	
10	NF	NF	40	6.4	36	13	155	133	28	8.5	2.7	1.5 E	10	
11	NF	NF	28	6.5	32	23	178	93	27	7.9	2.6	1.5 E	11	
12	NF	NF	23	6.6	30	101 E	169	84	27	7.6	2.4	1.5 E	12	
13	NF	NF	19	6.6	28	350 E	146	77	26	7.3	2.2	1.5 E	13	
14	NF	NF	17	6.6	29	301 E	129	71	25	7.1	2.0 *	1.5 E	14	
15	NF	NF	15 *	6.4	26 *	120 E	135	67 *	24	6.8	2.1 *	1.5 E	15	
16	NF	9.3 E	13	6.3 *	25	673 *	120	64	22	6.7	1.8	1.5 E	16	
17	NF	7.3	12	6.1	23	435	126	60	22	6.3 *	1.6	1.5 E	17	
18	NF	4.4 *	11	6.1	22	202	294	56	21	5.9	1.5	1.7 E	18	
19	NF	4.1	11	6.1	21	140	271	53	21 *	5.8	1.5	1.9 E*	19	
20	NF	10	10	7.8	20	109	234	50	20	5.5	1.6	1.9	20	
21	NF	16	9.5	450	E	19	91	260	48	19	5.4	1.6	21	
22	NF	15 *	9.1	662	E	18	79 *	263	46	18	5.1	1.7	22	
23	NF	8.8	8.7	129	*	18	77	265	43	17	4.9	1.6	23	
24	NF	5.5	8.3	140	*	17	69 *	297	41	17	4.7	1.6	24	
25	NF	4.0	8.2	123	*	24	59	233	40	16	4.6	1.5	25	
26	NF	3.4	8.2	103	*	21 E	54	193	38	15	4.3	1.5	26	
27	NF	2.9	7.4	114	*	18 E	50	186	37	14	4.3	1.4	27	
28	NF	3.6	7.0	97	*	17 E	54	167	37	13	4.5	1.4	28	
29	NF	5.5	7.0	279	*		56	145	36	13	4.4	1.3	29	
30	NF	4.7	7.0	317	*		53	130	34	12	4.0	1.2	30	
31	NF	7.0	7.0	584	*		99	35			3.8	1.1	31	
MEAN	0.0	3.5	35.2	101	45.5	108	201	68.4	25.2	7.0	2.1	1.6	MEAN	
MAX.	0.0	16	313	662	E	243	673	606	133	52	3.6	2.1	MAX.	
MIN.	0.0	0.0	5.7	6.1		17 E	13	103	34	12	3.8	1.1	MIN.	
C.FT.	207	207	2164	6205		2529	6625	11960	4207	1501	428	130	95	AC.FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM DISCHARGE	MINIMUM DISCHARGE	TOTAL ACRE FEET
49.8	1990E	4.74	36050

- ESTIMATED
 R - NO RECORD
 - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 - E AHD *

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R M D B & M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 23 45	120 46 50	SE 5 6N 11E	5770E	6.27	1/31/63	JAN 30-DEC 41 MAR 60-DATE	JAN 36-DEC 41 MAR 60-DATE	1936	1938	-4.00 0.00	LOCAL LOCAL

Station located 0.4 mi. below Volcano Road bridge, 1.3 mi. E of Sutter Creek. Tributary to Cosumnes River via Dry Creek. Drainage area is 48.1 sq. mi.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1967	B21150	DRY CREEK NEAR IONE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY	
1	0.0	0.0	5.5	9.4	476	20	256	118	24	3.6	0.2	0.0	1	
2	0.0	0.0*	41	9.0	257	20	179	106	24	3.4	0.2	0.0	2	
3	0.0	0.0	98	8.9	171	19	143	96	22	3.2	0.1	0.0	3	
4	0.0	0.0	24	9.0*	125	19	140	*	20	3.0	0.0*	0.0	4	
5	0.0*	0.0	127	9.7	100	18	202	80	38	2.8	0.0	0.0*	5	
6	0.0	0.0	556	*	9.0*	83	17	572	E	75	37	2.7	0.0	6
7	0.0	0.0	202	8.0	70	16	1410	E	68	27	2.5	0.0	7	
8	0.0	0.0	78	7.8	61	16	481	62	22	2.4	0.0	0.0	8	
9	0.0	0.0	48	7.6	55	16	296	61	20	2.4	0.0	0.0	9	
10	0.0	0.0	47	7.4	50	15	285	86	18	2.4	0.0	0.0	10	
11	0.0	0.0	36	7.3	45	57	464	*	17	2.2	0.0	0.0	11	
12	0.0	0.0	30	7.8	41	151	350	56	16	2.0	0.0	0.0	12	
13	0.0	0.0	26	7.5	40	447	245	51	16	1.8	0.0	0.0	13	
14	0.0	0.0	24	7.4	39	405	193	46	15	1.6	0.0*	0.0	14	
15	0.0	0.0	21	*	7.6	35	*	221	204	43	*	1.5	0.0*	15
16	0.0	0.0*	19	7.6*	33	692	168	41	13	1.4	0.0	0.0	16	
17	0.0	0.0	17	7.0	32	*	566	190	37	12	1.3*	0.0	0.0	17
18	0.0	0.0	16	6.8	30	283	635	35	11	1.2	0.0	0.0	18	
19	0.0	0.0	15	6.5	28	182	630	34	11	*	1.3	0.0	0.0*	19
20	0.0*	0.2	14	9.2	26	132	429	32	9.3	1.3	0.0	0.0	20	
21	0.0	9.7	13	1080	#	24	105	490	31	8.5	1.1	0.0	21	
22	0.0	11	*	1730	E	23	89	*	500	28	7.4	1.0	0.0	22
23	0.0	6.2	12	284		23	89	420	27	6.5	1.0	0.0	23	
24	0.0	3.7	12	374	*	22	76	425	*	26	6.0	1.0	0.0	24
25	0.0	2.7	12	329		30	65	342	25	5.5	0.9	0.0	25	
26	0.0	2.2	12	242		26	60	269	24	5.2	0.8	0.0	26	
27	0.0	1.9	11	262		22	55	230	23	4.9	0.8	0.0	27	
28	0.0	3.4	11	217		21	54	200	22	4.5	0.6	0.0	28	
29	0.0	5.3	11	718			57	161	22	4.4	0.5	0.0	29	
30	0.0	4.4	10	646			66	135	22	3.9	0.5	0.0	30	
31	0.0		9.7	1010	*		205		21	0.3	0.0	0.0	31	
MEAN	0.0	1.7	50.7	228	71.0	137	355	49.9	14.8	1.7	0.0	0.0	MEAN	
MAX.	0.0	11	556	1730	476	692	1410	118	38	3.6	0.2	0.0	MAX	
MIN.	0.0	0.0	5.5	6.5	21	15	135	21	3.9	0.3	0.0	0.0	MIN	
AC. FT.	0.0	101	3116	13990	3943	8396	21110	3070	879	104	1	0.0	AC. FT.	

WATER YEAR SUMMARY

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 DF - NO FLOW MADE THIS DAY
 # - E AND *

MEAN DISCHARGE	MAXIMUM DISCHARGE				MINIMUM DISCHARGE				TOTAL ACRE FEET		
75.6	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME	54710

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FRDM	TD		
38 24 54	120 54 18	SW32 7N 10E	7300	11.30	1/6/65	FEB 60-DATE	FEB 60-DATE	1960		0.00	LOCAL
Station located 1,000 ft. below State Highway 124 bridge, 4.6 mi. NE of Ione. Tributary to Cosumnes River. Drainage area is 70.9 sq. mi.											

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME										
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.0 *	1.2	8.8	2600	80	696	389	62	2.1	10	0.0	1
2	0.0	0.0	2.3	8.2	1940	76	472	338	59	4.3	9.7	0.0	2
3	0.0	0.0	222 *	7.8	671	73	392	333	63	3.8	4.3	0.0	3
4	0.0	0.0	163	7.8	521	65	351	317	54	1.7	4.0	0.0	4
5	0.0	0.0	299 *	7.9	440	55	402	303	55	2.2	3.5	0.1	5
6	0.0	0.0	1490 *	7.9 *	391	48	518	298	111	1.6	3.8	0.0	6
7	0.0	0.0	1100	7.6	357	41	3420 *	281	95	1.9	4.8 *	0.0	7
8	0.0	0.0	323	6.5	325	45	*	2030	222	0.4	1.8	0.0	8
9	0.0	0.0 *	194	5.9	311	42	943	187	68	0.4	0.3	0.0	9
10	0.0 *	0.0	169	5.4	298	40	622	227	48	1.4	0.0	0.3	10
11	0.0	0.0	145	4.3	285	88	1710	229	44	1.4	0.0	0.0	11
12	0.0	0.0	106	3.9	278	248	1080	190	40	2.2	0.0	0.0 *	12
13	0.0	0.0	82	1.8	271	886	651	174	51	3.4	0.0	0.0	13
14	0.0	0.0	64	0.2	164	1260	506	159	40	3.7	0.0	0.0	14
15	0.0	0.0	50	0.0	131	649	476	148	40	4.3	0.0	0.0	15
16	0.0	0.0	40 *	0.0	122	1730 *	480	138	48	2.9	0.0	0.0	16
17	0.0	0.0	34	0.0	121	2950	415	129 *	41	5.4	0.0 *	0.0	17
18	0.0	0.0	28	0.0	114	1050	1010	121	45	5.9 *	0.0	0.0	18
19	0.0	0.0	24	0.0	109	633	1630	110	39	4.5	0.0	0.0	19
20	0.0	1.1	23	0.0	102	471	1150	108	28	5.0	0.0	0.0	20
21	0.0	14 *	20	1160	96	400	1030	103	28	10	0.0	0.0	21
22	0.0	11	17	6550	94	362	1610	95	25	8.4	0.0	0.0	22
23	0.0	5.0	15	1190 *	92	349	1140	88	14	8.2	0.0	0.0	23
24	0.0	1.0	14	1180	91	335	1150	83	9.9	7.2	0.0	0.0	24
25	0.0	0.0	13	1170 *	107	211	940	73	11	7.6	0.0	0.0	25
26	0.0	0.0	13	567	124	208	674	55 *	5.0	6.6	0.0	0.0	26
27	0.0	0.0	11	655	102	211	562	53	8.4	5.3	0.0	0.0	27
28	0.0	0.0	9.5	521	90	198	520	53	8.1	2.5	0.0	0.0	28
29	0.0	0.8	10	1580	188	463	57	6.9	2.5	0.0	0.0	0.0	29
30	0.0	3.8	11	2020	169	426	51	4.8	5.8	0.0	0.0	0.0	30
31	0.0	9.7	3600 *		387		47	47	7.0	0.0	0.0	0.0	31
EAN	0.0	1.22	152	654	337	437	916	166	41.1	4.18	1.36	0.01	MEAN
IAX.	0.0	14	1490	6550	2600	2950	3420	389	111	10	10	0.3	MAX
AIR.	0.0	0.0	1.2	0.0	90	40	351	47	4.8	0.4	0.0	0.0	MIN.
C.FT.	73	9330	40220	10740	26870		54483	10230	2450	257	84	0.8	ACT.

WATER YEAR SUMMARY

- ESTIMATED
 - NO RECORD
 - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 - E AND *

MEAN DISCHARGE 225	MAXIMUM				MINIMUM				
	DISCHARGE 10500	GAGE HT. 14.27	MO.	DAY	TIME 0200	DISCHARGE	GAGE HT.	MO.	DAY

TOTAL ACRE FEET 162700

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 14 48	121 13 03	NE32 5N 7E	24000	15.28	4/3/58	OCT 26-SEP 33 OCT 44-DATE	OCT 26-SEP 33 OCT 44-DATE	1944	1945	55.83	USCGS
								1945		52.83	USCGS

Station located below county road bridge, 4 mi. E of Galt. Tributary to Mokelumne River. Records furn. by USGS.. Drainage area is 329 sq. mi.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1967	BO1580	DEER CREEK NEAR SLOUGHHOUSE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DA
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
MEAN													ME
MAX.													MA
MIN.													MI
AC. FT.													AC. FT.

WATER YEAR SUMMARY

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 # - E AND *

MEAN DISCHARGE	MAXIMUM			MINIMUM			TOTAL ACRE FEET		
DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 33 06	121 06 30	NW16 8N 8E	6560E	12.86	10/13/62	NOV 59-DATE	NOV 59-DATE	1959		0.00	LOCAL
Station located 0.2 mi. above Scott Road bridge, 5.9 mi. NE of Sloughhouse. Tributary to Cosumnes River. Drainage area is 46.0 sq. mi.											

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967	R01125		COSUMNES RIVER AT MCCONNELL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.0	250	142	6060	355	1940	1360	1320	456	30	0.0	1
2	0.0	0.0	334	132	3000	345	1400	1280	1180*	459	25	0.0	2
3	0.0	0.0	1700*	126	1980	338	1090	1260	1040	432	24*	0.0	3
4	0.0	0.0	1120	123	1510	342	974	1300	938	382	20	0.0	4
5	0.0	0.0	992	115*	1240	355	1240	1370	978	360	18	0.0	5
6	0.0	0.0	3720*	115	1060	348	1240	1490	1260	328	16	0.0	6
7	0.0	0.0	5040	115	946	340	5100*	1530	1060	292	14	0.0	7
8	0.0	0.0	1790	104	878	335	3580	1770*	1000	260	12	0.0	8
9	0.0	0.0	965	107	822	330*	2050	2190	974	240	10	0.0	9
10	0.0*	0.0	709	102	782	325	1600	2970	966	225	8.0	0.0	10
11	0.0	0.0	606	100	746	408	2970	3110	946	200	6.0	0.0	11
12	0.0	0.0	494	99	710	852	2920	2540	914	181	5.0	0.0*	12
13	0.0	0.0	422	99	694	3240	1890	2190	882	158	4.0	0.0	13
14	0.0	0.0	379	97	690	3880	1570	1960	834	154	3.0	0.0	14
15	0.0	0.0	343	93	680	2070	1530	1910	814	144	2.0	0.0	15
16	0.0	0.0*	305	93	610	3260*	1690	2120	806*	137	1.0	0.0	16
17	0.0	5.5	285	91	567	10100	1360	2510	834	120	0.0	0.0	17
18	0.0	114	268	90	531	6440	3370	2790*	882	107*	0.0	0.0	18
19	0.0	87	259	88	504	3280	3640	2830	850	105	0.0	0.0	19
20	0.0	110	248*	91	477	2220	3030	2790	794	97	0.0	0.0	20
21	0.0	188 *	235	843	441	1780	2580	2900	742	100	0.0	0.0	21
22	0.0	425 *	228	14300	411	1540	3540	3070	722	74	0.0	0.0	22
22	0.0	386	212	4370*	392	1480	3190	3020	680	65	0.0	0.0	23
24	0.0	206	202	2060	380	1670	3340	2760	627	68	0.0	0.0	24
25	0.0	132	194	4360	411	1410	2830	2560	596	61	0.0	0.0	25
26	0.0	86	182	1890	465	1250	2200	2280*	592	50	0.0	0.0	26
27	0.0*	75	172	2860	414	1110	1950	2030	567	46	0.0	0.0	27
28	0.0	69	158	2190	380	982	1930	1840	531	44	0.0	0.0	28
29	0.0	80	152	4120	1140	1670	1670	1670	501	40	0.0	0.0	29
30	0.0	212	154	6510	1000	1470	1500	465	465	40	0.0	0.0	30
21	0.0	150	7140*	1240					1360	37	0.0	0.0	31
MEAN	0.0	72.5	718	1702	992	1734	2296	2137	843	176	6.39	0.0	MEAN
MAX.	0.0	425	5040	14300	6060	10100	5100	3070	1320	459	30	0.0	MAX.
MIN.	0.0	0.0	150	88	380	325	974	1260	465	37	0.0	0.0	MIN.
AC.FT.		4320	44170	104700	55100	106600	136600	131400	50170	10830	393		AC.FT.

WATER YEAR SUMMARY

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 # - E AND *

MEAN DISCHARGE	MAXIMUM DISCHARGE				MINIMUM DISCHARGE				TOTAL ACRE FEET		
890	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME	644300
	23800	45.19	1	22	1430	0.0	0.0	10	1	0000	

LOCATION		MAXIMUM DISCHARGE				PERIOD OF RECORD				DATUM OF GAGE		
LATITUDE	LONGITUDE	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY			PERIOD	ZERO ON GAGE	REF. DATUM	
		CFS	GAGE HT.	DATE					FROM	TO		
38 21 29	121 20 34	20	6N	6E	54000	46.26	12/23/55	10/41-DATE	1/31-5/40 #	1931	0.00	USED
								10/41-DATE				

Station located on U. S. Highway 99 bridge, 0.2 mi. S of McConnell, 7.0 mi. N of Galt. Maximum discharge of record listed is for period 1945 to date. Records furn. by USGS. Drainage area is 724 sq. mi.

- Flood season only

TABLE B-5 (Cont.)
DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967	A00020	MORRISON CREEK NEAR SACRAMENTO	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	4.5	7.6	26	3.1	198	4.6	29	7.3	12	3.6	8.2	3.5
2	4.1	7.4	112	3.0	119	4.6	17	6.8	9.4	2.7	7.7	2.4
3	3.8	7.9	106	5.8	79	4.4	14	6.6	5.8	2.3	10	2.2
4	4.0	6.8	76	6.0	41	3.8	11	6.2	5.2	2.7	10	3.7
5	3.9	3.2	256	6.2	22	3.2	11	6.2	7.6	2.3	4.8	5.3
6	4.5	68	326	5.9	17	3.0	93	4.7	7.3	2.7	2.6	5.9
7	5.4	43	118	3.2	13	3.6	103	3.8	6.8	2.7	6.2	5.6
8	3.0	17	51	2.9	11	6.8	47	5.1	6.4	2.6	9.4	5.6
9	1.3	9.3	39	5.4	7.9	6.6	18	5.5	6.0	1.9	9.8	5.0
10	5.8	7.9	37	6.0	6.2	6.7	48	7.8	5.8	2.5	10	4.2
11	9.5	6.8	24	6.2	5.2	42	110	8.2	5.8	4.8	12	5.2
12	7.5	3.4	20	6.6	4.4	61	53	7.3	21	5.0	9.7	5.2
13	6.8	2.6	18	6.5	4.6	99	27	6.6	11	5.6	8.8	5.3
14	7.6	5.2	15	4.0	4.6	79	18	6.4	6.6	5.6	14	5.8
15	6.3	23	13	3.4	4.4	47	33	7.0	5.6	5.0	15	5.8
16	5.0	76	12	5.5	4.2	317	17	7.0	4.8	5.0	17	4.8
17	4.4	23	8.5	6.1	4.4	268	33	7.3	3.4	4.8	16	4.4
18	9.9	8.8	7.6	5.7	4.0	63	61	7.6	2.7	6.6	14	5.8
19	7.6	67	9.3	5.9	3.8	29	43	7.3	3.6	6.8	6.3	6.0
20	5.9	173	9.6	47	3.8	20	26	6.2	4.6	7.2	3.7	6.0
21	6.8	132	9.1	656	4.4	15	82	5.4	5.0	8.1	9.2	5.8
22	5.9	63	8.8	991	4.2	11	53	6.6	5.0	6.7	9.4	6.2
23	3.6	27	5.7	168	3.6	16	45	7.9	4.8	6.0	8.5	5.2
24	5.6	12	4.9	510	4.0	9.3	52	8.2	4.6	5.9	7.0	5.0
25	7.9	7.9	4.8	231	8.2	7.8	33	8.5	4.6	7.2	7.5	5.0
26	7.4	5.2	4.3	115	12	6.8	20	8.5	4.4	7.5	2.7	5.0
27	7.4	4.1	7.0	106	5.6	7.3	15	7.0	4.6	7.6	1.2	5.2
28	7.5	50	7.1	184	4.6	8.6	12	6.8	4.4	6.8	5.4	5.0
29	7.9	49	7.5	430		8.9	8.2	7.3	4.4	3.4	7.8	5.2
30	8.2	20	7.0	396		39	6.6	6.2	4.6	2.3	4.1	3.4
31	8.5		4.1	445		31		7.3		6.0		3.0
MEAN	6.05	31.2	43.7	141	21.6	39.8	38.0	6.79	6.26	4.84	8.42	4.97
MAX.	9.9	173	326	991	198	317	110	8.5	21	8.1	17	6.2
MIN.	1.3	2.6	4.1	2.9	3.6	3.0	6.6	3.8	2.7	1.9	1.2	2.2
AC.FT.	372	1860	2690	8680	1200	2450	2260	418	373	297	518	296

WATER YEAR SUMMARY

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 # - E AND *

MEAN DISCHARGE 29.6	MAXIMUM DISCHARGE 1500	GAGE HT. 7.36	MO.	DAY	TIME	MINIMUM DISCHARGE	GAGE HT.	MO.	DAY	TIME

TOTAL
ACRE FEET
21410

LOCATION		MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE			
LATITUDE	LONGITUDE	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD FROM	TO	ZERO OH GAGE	REF. OATUM	
		CFS	GAGE HT.	DATE							
38 29 55	121 27 06	SE32 8N 5E	1320	7.09	10/14/62	JUL 59-DATE	JUL 59-DATE	1959 1960 1965	1960 1965 1965	8.15 10.31 7.60	USCGS USCGS USCGS

Station located 750 ft. above Florin road in SE Sacramento. Tributary to Snodgrass Slough via Beach and Stone Lakes. Records furn. by USGS. Drainage area is 48.6 sq. mi.

ABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

		WATER YEAR	STATION NO.	STATION NAME
		1967	B95295	KELLOGG CREEK NEAR BYRON

AY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	12	5.7	2.2	2.2	NR	3.3	10	14	NR	0.3	0.1	0.1	1
2	8.0	7.0	2.4	2.2	NR	3.2	7.1	13	NR	0.2	0.2	0.1	2
3	18	1.5 *	2.1	2.2	NR	3.2	6.4	12	NR	0.2	0.2	0.1	3
4	13	1.1	2.2	2.2	NR	3.3	6.1	11 *	NR	0.3	0.1	0.1	4
5	20	1.1	4.0	2.2	NR	2.8	5.8	11	NR	0.3	0.1	0.1	5
6	11	1.1	6.5	2.1	NR	2.7	16	9.9	NR	0.2	0.1	0.1	6
7	7.9 *	1.0	3.4	2.3	NR	2.7 *	20 *	NR	NR	0.3	0.1	0.1	7
8	17	1.0	2.7 *	2.4	NR	2.6	15	NR	NR	0.2	0.1	0.1	8
9	13	1.0	2.9	2.4	NR	2.6	8.2	NR	NR	0.3	0.1	0.1	9
0	11	1.4	3.6	2.4	NR	2.6	15	NR	1.9	0.3	0.1	0.1	10
11	8.2	2.0	3.2	2.8	NR	8.3	33	NR	2.0	0.2 *	0.1	0.1	11
10	2.0	3.2	3.4	NR	40	13	NR	1.9 E	0.2	0.1	0.1	12	
13	2.0	3.1	3.3	NR	59	8.7	NR	1.8 E	0.1	0.1	0.1	13	
14	8.5	2.0	2.8	3.2	NR	30 *	8.1	NR	1.7 E	0.1	0.1	0.1	14
5	9.6	2.0	2.6	3.1	NR	9.3	19	NR	1.6 E	0.1	0.1	0.1	15
6	15	2.0	2.5	3.1	NR	68 *	12	NR	1.4 E	0.1	0.1	0.1	16
7	13	1.9	2.5	3.1	NR	4.4	19	NR	1.3	0.1	0.1	0.2	17
8	10	1.9	2.4	3.8	NR	4.3	11	NR	1.2	0.1	0.1	0.1	18
9	7.1	2.0	2.4	3.1	NR	4.1	8.7	34	NR	1.2	0.1	0.1	19
0	11	2.3	2.4	2.9	NR	3.7	7.9	17	NR	1.2	0.1	0.1	20
1	10	2.2	2.3	NR	3.7	8.6	78 E	NR	1.2	0.1	0.1	0.1	21
2	10	2.1	2.4	NR	3.6	7.1	88 E	NR	1.0	0.1	0.1	0.1	22
3	7.7	2.0	2.8	NR	3.7	6.8	37	NR	0.8	0.1	0.1	0.1	23
4	8.0	2.1	3.4	NR	3.8	6.2	37	NR	0.7	0.1	0.1	0.1	24
5	4.1	2.1	3.4	NR	4.3	5.9	27	NR	0.7	0.1	0.1	0.1	25
6	6.1	2.1	3.4	NR	3.8	5.8	23	NR	0.6	0.1	0.1	0.1	26
7	6.7	2.1	3.4	NR	3.5	5.5	21	NR	0.6	0.1	0.1	0.1	27
8	4.6	2.3	2.6	NR	3.4	5.5	19	NR	0.5	0.1	0.1	0.1	28
9	4.1	2.2	1.6	NR		5.6	17	NR	0.5	0.1	0.1	0.1	29
0	4.1	2.2	2.2	NR		12	15	NR	0.4	0.1	0.1	0.1	30
1	3.1		2.2	NR		23		NR	0.1	0.1			31
AN	9.7	2.1	2.8	NR		12.3	22.3	NR	NR	0.2	0.1	0.1	MEAN
X.	20	7.0	6.5	NR		68	88 E	NR	NR	0.3	0.2	0.2	MAX.
N.	3.1	1.0	1.6	NR		2.6	5.8	NR	NR	0.1	0.1	0.1	MIN.
FT.	599	126	176	NR		758	1328	NR	NR	10	7	6	AC.FT.

WATER YEAR SUMMARY

MEAN DISCHARGE NR	MAXIMUM				MINIMUM	TOTAL ACRE FEET NR				
DISCHARGE NR	DISCHARGE 198 E	GAGE HT. 6.25	MO. 4	DAY 21	TIME 0500	DISCHARGE 0.1	GAGE HT. 2.46	MO. 7	DAY 15	TIME 1445

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
37 52 18	121 41 52	SE1 1S 2E				MAR 65-0CT 65	MAR 65-DATe	1965	1966	0.00	USCGS LOCAL
						APR 66-DEC 66	APR 66-DEC 66	1967	DATE	0.00	
						JAN 67-DATe	JAN 67-DATe				

Station located at Vasco road bridge, 4.0 mi. miles west of Byron. Prior to Jan 1967, station was located below Bixler road bridge. Tributary to Old River via Italian Sough.

TABLE B-5 (Cont.)
DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
	1967	B95925	DELTA MENDOTA CANAL NEAR TRACY

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2022	1028	538	176	324	1203	1732	1086	1806	1295	4174	2753
2	2050	1158	539	176	215	1340	1731	1159	1699	1358	4245	2518
3	2004	1067	613	861	178	1768	1688	1196	1756	1379	4475	2514
4	1773	991	611	858	178	2001	1173	1197	2485	1378	4471	2520
5	1881	963	358	865	177	2003	1549	1197	1688	1380	4302	2526
6	2027	1030	251	864	177	2127	1486	1256	1447	1363	4552	2520
7	2025	1028	215	865	213	2269	1274	1277	1615	1363	4433	2529
8	2019	865	250	865	213	2208	1345	1280	1691	1286	4448	2527
9	2020	862	213	790	213	2381	1277	1421	1728	1286	4447	2357
10	2022	865	213	788	215	2526	1216	1354	1808	1285	4411	2261
11	1923	866	213	866	215	2260	1146	1425	2488	1281	4435	2287
12	1917	867	213	867	611	2170	1425	1431	1814	1285	4428	2859
13	1874	867	249	865	614	1679	975	1741	1776	2919	4465	2868
14	1903	932	322	864	685	1266	722	1738	2012	3148	4283	2798
15	1905	1044	357	863	865	1332	723	1737	2025	3083	4159	2833
16	1908	1180	356	862	931	1207	652	1836	2012	2843	4165	2851
17	1907	1098	681	922	994	1204	866	1974	2108	2783	4159	2740
18	1908	926	680	924	995	1346	867	2541	2896	2545	4213	2200
19	1908	928	677	1024	998	1348	871	2543	2115	2109	4375	2123
20	1912	964	675	1029	996	1288	870	2548	2207	2026	4350	1940
21	1912	896	599	971	1095	1860	871	2555	2218	2805	4349	2032
22	1835	859	462	873	1163	2233	944	2614	2372	3333	4281	2096
23	1882	862	68	581	1163	2550	1525	2618	2297	3330	4150	2206
24	1720	864	69	505	1165	2570	946	2565	2259	4026	4067	2277
25	1426	862	69	324	1165	2600	1196	2049	2845	4034	3902	2210
26	1261	864	70	360	1163	2600	1179	1817	2257	4027	3644	2533
27	1227	865	716	650	1160	2568	1112	2040	2253	4058	3624	2779
28	1227	866	715	760	1095	2032	1042	2283	2215	4051	3630	2850
29	1225	682	826	761	2062	947	2102	2124	4158	3553	2851	2812
30	1239 A	573	867	471	2138	1060 B	2204	1622	4166	3332	4169	3369
31	1191		464	325	1941		1870					
MEAN	1776	924	424	735	685	1938	1147	1828	2055	2566	4158	2506
MAX.	2050	1180	867	1029	1165	2600	1732	2618	2896	4169	4552	2868
MIN.	1191	573	68	176	177	1203	652	1086	1447	1281	3332	1940
A.C. FT.	109298	54986	26081	45174	38035	119167	68164	112372	122257	157789	255652	149098

WATER YEAR SUMMARY

E - ESTIMATED
 NR - ND RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 # - E AND *
 A - 25 hour day
 B - 23 hour day

MEAN DISCHARGE 1738	MAXIMUM DISCHARGE				PERIOD OF RECORD				DATUM OF GAGE			
	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HEIGHT ONLY	PERIOD FROM	TO	ZERO ON GAGE	REF. DATUM	
						JUN 51-DATE	JUN 51-DATE	1951		0.00	USCGS	

TOTAL
ACRE FEET
1258073

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	DF RECDRD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE NT.	DATE			FROM	TO		
37 47 45	121 35 05	SW31 1S 4E				JUN 51-DATE	JUN 51-DATE	1951		0.00	USCGS

Station located at Tracy Pumping Plant at intake to canal, 6 mi. SE of Byron, 10 mi. NW of Tracy. Discharge computed from records of operation of pumps. Water is diverted from Sacramento-San Joaquin Delta by way of Old River and a dredged channel to the Tracy Pumping Plant where it is lifted about 200 ft. into canal. Records furn. by USBR.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

		WATER YEAR	STATION NO.	STATION NAME
		1967	B95910	CONTRA COSTA CANAL NEAR OAKLEY

AY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	152	121	73	91	73	86	60	71	111	139	134	126	1
2	153	122	61	90	71	81	62	74	93	135	138	121	2
3	139	123	71	80	77	79	53	74	89	125	133	121	3
4	137	123	77	83	76	78	55	68	93	119	136	101	4
5	131	122	69	84	76	75	56	76	86	126	135	126	5
6	132	99	66	78	74	76	52	74	86	128	132	143	6
7	128	106	69	84	77	66	50	74	86	134	126	140	7
8	115	107	81	96	75	70	50	72	82	132	138	144	8
9	118	102	74	88	80	65	50	83	102	137	137	140	9
0	120	105	73	88	73	69	56	83	96	137	138	138	10
1	124	100	72	64	75	69	54	80	99	137	138	137	11
3	122	99	68	86	73	55	50	76	105	140	132	137	12
3	113	100	74	78	75	49	60	81	101	140	130	141	13
4	111	134	82	85	81	57	60	87	115	139	138	142	14
5	116	100	82	83	81	61	64	87	114	137	141	137	15
6	113	114	86	84	80	55	58	96	107	125	141	141	16
7	121	106	86	83	83	55	60	114	114	117	141	136	17
8	139	116	76	86	89	67	61	106	119	117	141	127	18
9	134	95	76	90	82	67	68	99	116	125	138	130	19
0	129	90	70	89	88	62	61	84	112	130	138	123	20
1	125	86	78	67	88	56	62	109	110	132	131	131	21
2	132	92	76	73	86	56	61	111	113	127	135	125	22
3	132	95	84	92	81	58	61	111	120	134	135	122	23
4	133	92	81	84	81	64	60	117	121	124	134	119	24
5	132	90	82	79	78	64	71	115	120	130	132	118	25
6	134	90	79	77	88	59	78	116	117	133	131	111	26
7	124	87	72	77	90	52	64	113	112	140	124	112	27
8	126	84	79	74	86	58	72	116	121	134	128	122	28
9	118	76	85	67	58	74	117	124	132	123	123	29	
0	130 A	81	82	64	59	62 B	113	132	132	132	129	118	30
1	126	86	71		60		119		132	128			31
AN	128	102	76.5	81.1	79.9	64.1	60.2	93.8	107	131	134	128	
X.	153	134	86	96	90	86	78	119	132	140	141	144	
N.	111	76	61	64	71	49	50	65	82	117	123	101	
FT.	7863	6063	4701	4988	4437	3939	3575	5766	6379	8071	8241	7640	MEAN MAX. MIN. AC.FT.

WATER YEAR SUMMARY

- ESTIMATED
 - ND RECORD
 - DISCHARGE MEASUREMENT OR OBSERVATION
 OF HD FLOW MADE THIS DAY
 - E AND *
 25 hour day
 23 hour day

MEAN DISCHARGE 99.0	MAXIMUM DISCHARGE	GAGE HT.	MO.	DAY	TIME	MINIMUM DISCHARGE	GAGE HT.	MO.	DAY	TIME	TOTAL ACRE FEET 71663

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
37 59 45	121 42 00	NE25 2N 2E				FEB 50-DATE	FEB 50-DEC 52	1950	1952	121.72	USCGS

Station located at Pumping Plant No. 1, 0.7 mi. E of Oakley, 2.6 mi. NW of Knightsen. Water is diverted from Sacramento-San Joaquin Delta by way of Old River, Rock Slough, and a dredged channel. A series of 4 pumping plants lift the water about 115 ft. into canal. Records furn. by USBR.

TABLE B-5 (Cont.)
DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	B89100	MARSH CREEK NEAR BYRON

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	0.0	0.0	0.0	0.6	112	6.6	41	39	5.5	0.4	0.0	0.0
2	0.0	0.0	0.0	0.6	69	6.3	30	36	5.5	0.1	0.0 *	0.0
3	0.0	0.0 *	0.0	0.6	49	6.3	25	32	6.3	0.0	0.0	0.0
4	0.0	0.0 *	0.0	0.6	38	6.3	23	30	6.3	0.0	0.0	0.0
5	0.0	0.0	12	0.6	30	5.8	22	27	6.3	0.0	0.0	0.0
6	0.0	0.0	59	0.5	25	5.5	50	26	6.1	0.0	0.0	0.0
7	0.0	0.0	27	0.5	22	5.5	64	23	6.1	0.0	0.0	0.0
8	0.0	0.0	16	0.4	20	5.3	51	23	6.3	0.0	0.0	0.0
9	0.0	0.0	9.0	0.4	18	4.7	39	22	5.3	0.0	0.0	0.0
10	0.0	0.0	10	0.5	16	5.1	58	21	5.5	0.0	0.0	0.0
11	0.0	0.0	6.9	0.5	14	18	74	20	4.9	0.0	0.0	0.0
12	0.0	0.0	5.3	0.5	13	82	47	20	4.9	0.0	0.0	0.0
13	0.0	0.0	4.5	0.5	13	97	40	19	5.3	0.0	0.0	0.0
14	0.0	0.0	3.7	0.4	11	55	36	16	4.5	0.0	0.0	0.0
15	0.0	0.0	3.1	0.4	11	29	48	13	3.9	0.0	0.0	0.0
16	0.0	0.0	2.7	0.4	11	192	40	13	3.9	0.0	0.0	0.0
17	0.0	0.0	2.2	0.4	10	72	69	12	3.4	0.0	0.0	0.0
18	0.0	0.0	1.8	0.3	9.4	46	99	11	2.8	0.0	0.0	0.0
19	0.0	0.0	1.7	0.3	9.0	35	87	10	3.1	0.0	0.0	0.0
20	0.0	0.0	1.6	0.6	8.3	28	60	10	3.1	0.0	0.0	0.0
21	0.0	0.0	1.5	679	8.0	25	148	9.4	2.9	0.0	0.0	0.0
22	0.0	0.0	1.2	348	7.7	22	175	8.6	2.7	0.0	0.0	0.0
23	0.0	0.0	1.1	70	7.7	21	126	8.0	1.8	0.0	0.0	0.0
24	0.0	0.0	1.0	250	8.0	18	104	7.7	1.1	0.0	0.0	0.0
25	0.0	0.0	1.0	116	8.3	16	77	6.9	1.6	0.0	0.0	0.0
26	0.0	0.0	0.9	56	7.7	15	66	6.6	1.3	0.0	0.0	0.0
27	0.0	0.0	0.7	42	6.9	14	60	6.1	1.3	0.0	0.0	0.0
28	0.0	0.0	0.6	57	6.9	13	53	5.8	1.2	0.0	0.0	0.0
29	0.0	0.0	0.7	228		14	49	5.5	0.9	0.0	0.0	0.0
30	0.0	0.0	0.7	364		45	43	5.5	0.6	0.0	0.0	0.0
31	0.0	0.0	0.6	259		68	53	5.3	0.0	0.0 *		
MEAN	0.0	0.0	5.69	80.0	20.4	31.7	63.5	16.1	3.81	0.02	0.0	0.0
MAX.	0.0	0.0	59	679	112	192	175	39	6.3	0.4	0.0	0.0
MIN.	0.0	0.0	0.0	0.3	6.9	4.7	22	5.3	0.6	0.0	0.0	0.0
AC. FT.	0.0	0.0	350	4920	1130	1950	3780	989	227	1.0	0.0	0.0

WATER YEAR SUMMARY

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 DF - NO FLOW MADE THIS DAY
 # - E AND *

MEAN DISCHARGE	MAXIMUM DISCHARGE	MINIMUM DISCHARGE								
DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME	
18.4	1640	7.97	1	21	2300	0.0		10	1	0000

TOTAL
ACRE FEET
13340

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT DHLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
37 52 25	121 43 35		3880	11.62	1/31/63	FEB 53-DATE	FEB 53-DATE	1953		177.87	USGS

Station located 40 ft. below highway bridge, 1.2 mi. above Marsh Creek Dam, 5.0 mi. west of Byron.
 Station affected by backwater from Marsh Creek Reservoir. Maximum gage height of record is 12.98 ft.
 on Dec. 23, 1955. Tributary to San Joaquin River. Records furn. by USGS. Drainage area is 42.6 sq. mi.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967	G12200	BIDWELL CREEK NEAR FORT BIDWELL	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	2.8	3.4	11	5.9 E	9.1	8.8	10 E	12	108	31	9.7	3.2	1
2	2.8	3.4	10	5.9 E	8.5	8.8	10 E	12	88	30	9.3	2.9	2
3	2.8	3.4	9.4	5.9 E	7.9	8.5	10	14 *	85	28	8.4	3.2	3
4	3.0 *	3.4	8.5	5.9 E	8.5	7.9 E	10	16	81	26	8.0	3.2	4
5	2.7	3.6	8.5	5.9 E	8.5	8.2 E	11	19	85	26	7.6	4.2	5
6	2.4	4.2	7.9	5.9 E	10 E	8.2 E	11	26	96 *	25	8.0	4.2	6
7	2.7	4.4	7.4 *	5.9 E	10 E	8.2	12	48	100	25	8.0	3.6	7
8	2.7	4.2	7.1	5.4 E	9.7 #	8.8	12	78	100 *	23	7.6	3.2	8
9	2.5	4.4	7.1	5.4 E	9.1	10	14	157	104	22	7.1	3.2	9
10	2.5	5.2	6.6	5.2 E	9.1	10	13	130	100	21	6.7	3.2	10
11	2.4	6.3	6.3	5.0 E	9.4	10	13	85	96	20	6.0	4.6 *	11
12	2.7	7.9	7.4	5.0	9.7	9.7	12	66	92	19	5.6	3.9	12
13	2.7	7.4	9.4	5.9	11	9.7	13	56	78	18	5.6	3.6	13
14	2.7	6.3	9.1	5.6	11	8.5	13	60	72	17	5.0	3.6	14
15	3.0	6.6	8.5	5.4	10	8.5 E	12	78	75	16	4.6	3.6	15
16	3.3	10	7.6	5.4 E	9.4	12	12	146	75	19	4.6 *	3.6	16
17	3.0	7.1 *	7.6	5.6 E	9.1	15	12	201	78	18	4.2	3.6	17
18	2.8	6.3	7.4	5.9 E	8.5	15	12 *	260	75	16	4.2	3.9	18
19	3.0	9.1	7.1	5.9 #	8.2	14	11	279	78	15 *	4.2	3.6	19
20	3.1 *	14	7.4	5.4	8.2	13	11	292	78	15	4.2	3.9	20
21	3.4	9.4	6.6	5.4 E	8.5	13	11	306	75	15	3.9	3.6	21
22	5.0	7.6	6.3 E	5.6 E	8.2	13	11	318	66	14	3.9	4.2	22
23	4.4	4.0 E	6.3 E	5.9 E	8.5	13	11	318	58	13	3.9	4.2	23
24	3.8	3.8 E	6.3 E	6.1 E	8.8	13	11	279	51	13	3.9	3.6	24
25	3.6	3.8 E	6.3 E	6.3 E	8.8	12	11	239	48	12	3.6	2.9	25
26	3.4	3.8 E	6.3 E	6.6 E	8.5	12	12	163	44	11	4.6	2.9	26
27	3.4	3.8 E	6.3 E	6.8 E	8.5	12	12	151	42	11	4.6	3.2	27
28	3.4	4.8	6.1 E	7.9	8.5	12	12	157	40	11	3.9	3.6 *	28
29	3.4	14	5.9 E	16		12	12	175	36 *	11	3.6	4.2	29
30	3.4	13	5.9 E	13		11	12	146	33	11	3.2	4.2	30
31	3.6		5.9 E	11		11		126		11	3.2		31
MEAN	3.1	6.1	7.4	6.6	9.0	10.9	11.6	142	74.6	18.2	5.5	3.6	MEAN
MAX.	5.0	14	11	16	11	15	14	318	108	31	9.7	4.6	MAX.
MIN.	2.4	3.4	5.9	5.0	7.9	7.9	10	12	33	11	3.2	2.9	MIN.
AC. FT.	191	374	455	403	502	668	692	8753	4437	1117	339	215	AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	DISCHARGE	MAXIMUM GAGE HT.	MO.	DAY	TIME	MINIMUM DISCHARGE	GAGE HT.	MO.	DAY	TIME
24.9	347	4.43	5	22	2250	1.4	2.79	10	6	1725

TOTAL ACRE FEET
18150

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
41 52 57	120 10 25	SE6 46N 16E	682	5.64	12/24/64	APR 55-OCT 57 8	APR 55-OCT 57 8	1958		0.00	LOCAL

Station located E of New Pine Creek-Fort Bidwell Highway, 2.0 mi. NW of Fort Bidwell. Tributary to Upper Alkali Lake. Stage-discharge relationship affected by ice at times. Drainage area is approximately 26 sq. mi.

8 - Irrigation season only.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	WATER YEAR	STATION NO.	STATION NAME	
													1967	G15150	CEDAR CREEK AT CEDARVILLE	
1	0.2 E	0.2	1.8	1.2	10	4.5	5.4	8.8	18	3.0	0.8	0.2				
2	0.2 E	0.2	2.0	1.4	8.2	4.5	5.4	8.8	18	1.5	0.8	0.1				
3	0.2 E	0.2	2.0	1.2	7.0	4.1	5.4	8.8 *	16	1.5	0.6 *	0.2				
4	0.2 #	0.2	1.9	1.2	6.4	4.5	5.4	10	16	1.5	0.6 *	0.2				
5	0.2 E	0.2	1.9	1.3	5.9	3.7	5.9	13	16	1.4	0.6	0.4				
6	0.2 E	0.3	2.0	2.2	4.9	3.7	5.9	16	19	1.0	0.6	0.3				
7	0.2 E	0.3	2.0 *	2.3	4.5	3.7	7.0	21	18	1.0	0.6	0.2				
8	0.2 E	0.2	1.9	1.4	3.7 *	4.1 *	8.8	30	18 *	0.9	0.6	0.2				
9	0.2 E	0.2	2.0	1.3	4.1	5.4	9.5	27	16	0.9	0.6	0.2				
10	0.2 E	0.3	2.1	1.2	3.7	5.9	9.5	22	16	0.9	0.4	0.2				
11	0.2 E	0.3	2.2	1.2	3.7	5.4	9.5	20	14	0.7	0.4	0.2				
12	0.2 E	0.3	2.9	1.2	4.1	4.9	9.5	18	14	0.5	0.4	0.2 *				
13	0.2 E	0.3	3.2	1.3	5.4	4.9	8.8	19	14	0.4	0.4	0.2				
14	0.2 E	0.3	2.9	1.3	4.5	4.5	8.8	20	13	0.8	0.3	0.2				
15	0.2 E	0.3	2.8	1.3	4.5	4.5	8.8	22	11	1.2	0.4 *	0.2				
16	0.2 E	0.4	2.4	1.3	4.1	8.8	8.8	27	11	3.4	0.4	0.2				
17	0.2 E	0.6 *	2.2	1.3	4.5	11	8.8	30	10	2.4	0.3	0.2				
18	0.2 E	0.6	2.0	1.3	4.9	10	8.8 *	27	8.8	4.9 *	0.3	0.2				
19	0.2 E	0.5	1.8	1.3 *	4.5	9.5	8.8	25	8.2	2.0	0.4	0.2				
20	0.2 #	0.6	2.1	1.5	4.1	8.8	8.8	24	7.0	2.0	0.3	0.1				
21	0.2	0.6	1.7	5.4	3.7	9.5	8.2	24	6.4	1.7	0.3	0.1				
22	0.2	0.5	1.6 *	5.4	3.7	10	8.2	22	5.9	1.5	0.2	0.1				
23	0.2	0.5	1.6	1.4	4.5	11	8.2	22	5.4	1.2	0.2	0.1				
24	0.2	0.5	1.5	1.4	4.5	9.5	8.2	22	4.1	1.0	0.2	0.1				
25	0.2	0.5	1.5	1.0	4.5	8.8	8.2	21	2.8	1.5	0.2	0.1				
26	0.2	0.5	1.4	1.4	4.1	8.2	8.2	19	2.8	2.0	0.4	0.1				
27	0.2	0.5	1.5	5.9	3.7	7.0	8.2	18	2.5	1.7	0.4	0.1				
28	0.2	0.6	1.7	16	3.7	7.0	9.5	16	2.8	1.7	0.3	0.1				
29	0.2	1.6	1.3	25		6.4	9.5	18	4.1 *	1.7	0.2	0.1				
30	0.2	1.0	1.2	18		7.0	8.8	16	3.7	1.4	0.2	0.2				
31	0.2		1.2	13		6.4		18		0.9	0.2					
MEAN		0.4	1.9	3.9	4.8	6.7	8.1	19.8	10.8	1.6	0.4	0.2				
MAX.		1.6	3.2	25	10	11	9.5	30	19	4.9	0.8	0.4				
MIN.		0.2	1.2	1.0	3.7	3.7	5.4	8.8	2.5	0.9	0.2	0.1				
A.C. FT.		12	26	120	241	268	411	482	1217	640	96	25	10			

WATER YEAR SUMMARY

MEAN DISCHARGE 4.9	MAXIMUM DISCHARGE 37	GAGE HT. 2.95	MO. 1	DAY 29	TIME 1000	MINIMUM DISCHARGE 0.1	GAGE HT. 2.61	MO. 9	DAY 2	TIME 1000
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TOTAL
ACRE FEET
3548

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
41 31 48	120 11 15	SEG 42N 16E	62	3.95 E	2/8/60	MAY 58-DATE	MAY 58-DATE	1958		0.00	LOCAL

Station located above Cedarville-Alturas Highway culvert, immediately W of Cedarville. Tributary to Middle Alkali Lake. Stage-discharge relationship affected by ice at times. Drainage area is approximately 25 sq. mi.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
	1967	617150	EAGLE CREEK NEAR EAGLEVILLE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.9	0.8	4.7	1.9	1.7	1.6	2.1	1.3	21	30	5.3	2.6	1
2	0.9	0.8	3.9	1.9	1.5	1.6	1.9	1.3	20	29	5.1	2.6	2
3	1.0	0.8	3.4	1.9	1.5	1.6	1.7	1.6 *	21	27	4.9 *	2.8	3
4	1.0 *	0.9	3.4	1.9	1.5	1.7	1.6	1.9	23	27	4.9	2.8	4
5	0.9	0.9	3.0	1.9	1.5	1.7	1.6	1.9	23	24	4.7	2.9	5
6	0.8	1.2	2.6	1.9	1.6	1.9	1.6	2.6	23 *	22	4.5	2.6	6
7	0.8	1.3	2.2 *	1.9	1.5	2.1	1.6	6.9	24	22	4.3	2.5	7
8	0.9	1.6	2.8	1.9	1.9 *	2.2 *	1.6	13	27 *	20	4.1	2.4	8
9	0.8	2.1	2.3	1.9	1.6	2.4	1.7	16	30	18	3.9	2.4	9
10	0.7	2.2	2.4	1.9	1.6	2.2	1.9	10	30	17	3.9	2.4	10
11	0.7	2.2	2.2	1.7	1.7	2.2	1.9	8.0	28	17	3.7	2.1 *	11
12	1.1	2.8	2.2	1.7	1.9	2.1	1.9	6.6	22	16	3.7	2.2	12
13	1.0	2.8	2.2	1.9	1.7	2.2	1.9	6.2	22	14	3.6	2.2	13
14	1.1	2.4	2.1	1.9	1.7	2.4	1.9	7.6	21	13	3.6	2.0	14
15	1.0	2.4	1.9	1.9	1.6	2.4	1.9	11	23	13	3.6 *	2.0	15
16	0.9	3.0	1.9	1.7	1.5	2.4	1.9	16	25	13	3.6	1.9	16
17	0.9	2.2 *	1.9	1.7	1.5	2.4	1.7	21	25	11	3.6	2.0	17
18	0.8	1.9	1.9	1.6	1.5	2.4	1.7 *	27	27	10 *	3.4	2.1	18
19	0.7	2.8	1.9	1.6 *	1.6	2.4	1.7	37	26	10	3.4	2.0	19
20	1.0 *	3.7	1.7	1.7	1.6	2.4	1.7	41	24	9.0	3.4	2.1	20
21	0.9	2.4	1.7	2.1	1.6	2.2	1.7	40	26	8.7	3.2	2.0	21
22	1.7	1.7	1.7 *	2.1	1.6	2.1	1.7	39	25	8.3	3.2	2.0	22
23	1.1	2.2	1.7	1.9	1.6	2.1	1.7	29	25	7.7	3.2	2.0	23
24	0.9	2.6	1.7	1.7	1.6	2.1	1.6	27	26	7.4	3.2	2.1	24
25	0.9	2.6	1.7	1.7	1.6	2.1	1.6	23	29	7.2	3.0	2.1	25
26	0.9	2.8	1.7	1.6	1.5	1.9	1.6	22	33	7.2	3.3	1.9	26
27	0.9	2.4	1.7	1.6	1.5	1.9	1.3	22	35	6.6	3.0	1.9	27
28	0.9	4.7	1.7	1.6	1.6	1.9	1.3	22	36	6.6	2.9	1.9 *	28
29	0.8	13	1.9	2.1		2.1	1.3	23	36 *	6.3	2.9	1.9	29
30	0.8	5.6	1.9	2.2		2.1	1.3	23	31	5.7	2.9	1.9	30
31	0.8		1.9	1.9		2.1	1.3	23		5.4	2.8	1.9	31
MEAN	0.9	2.5	2.2	1.8	1.6	2.1	1.7	17.1	26.2	14.2	3.7	2.2	MEAN
MAX.	1.7	13	4.7	2.2	1.9	2.4	2.1	40	36	30	5.3	2.9	MAX.
MIN.	0.7	0.8	1.7	1.6	1.5	1.6	1.3	1.3	20	5.4	2.8	1.9	MIN.
AC. FT.	57	156	140	113	89	129	100	1050	1560	871	228	132	AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM				MINIMUM	TOTAL ACRE FEET
6.4	DISCHARGE	GAGE HT.	MO.	DAY	TIME	4630

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO OH GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
41 18 40	120 07 27	SE23 40N 16E				MAY 58-DATE	MAY 58-DATE	1958		0.00	LOCAL
Station located 0.6 mi. SW of Eagleville. Tributary to Middle Alkali Lake. Stage-discharge relationship affected by ice at times.											

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	G31150	PINE CREEK NEAR SUSANVILLE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.
1	0.0	0.0	26 E	0.0	0.0	16 #	NR	32	236	12	0.0	0.0	0.0
2	0.0	0.0	26	0.0	0.0	NR	NR	58	263	10	0.0	0.0	0.0
3	0.0	0.0	14	0.0	0.0	NR	NR	132	233	8.3	0.0	0.0	0.0
4	0.0	0.0	16	0.0	0.0	NR	NR	205	188	6.5	0.0	0.0	0.0
5	0.0	0.0	4.6	0.0	0.0	NR	NR	280	156	4.9	0.0	0.0	0.0
6	0.0	0.0	2.4	0.0	0.0	NR	NR	201	147	3.8	0.0	0.0	0.0
7	0.0	0.0	2.2	0.0	0.0	NR	NR	379	129 *	2.7	0.0	0.0	0.0
8	0.0	0.0	1.5	0.0	0.0	NR	NR	471	120	2.0	0.0	0.0	0.0
9	0.0	0.0	1.1	0.0	0.0	NR	NR	550	147	1.3	0.0	0.0	0.0
10	0.0	0.0	1.0	0.0	0.0	NR	NR	571	178	0.6	0.0	0.0	0.0
11	0.0	0.0	0.9	0.0	0.0	NR	NR	496	150	0.0	0.0	0.0	0.0
12	0.0	0.0	1.0	0.0	0.0	NR	90 *	403	129	0.0	0.0	0.0	0.0
13	0.0	0.0	1.6	0.0	0.0	NR	123	315	126	0.0	0.0	0.0	0.0
14	0.0	0.0	1.5 E	0.0	0.0	NR	153	344	117	0.0	0.0	0.0	0.0
15	0.0	0.0	1.0 E	0.0	0.0	NR	114	453	101	0.0	0.0	0.0	0.0
16	0.0	0.0	1.0 E	0.0	0.0	NR	74	629 *	82	0.0	0.0	0.0	0.0
17	0.0	0.0	1.0 E	0.0	0.0	NR	69	731	74	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	NR	65	767	69	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	NR	63	767	72	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	1.0 E	NR	50	746	69	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	1.0 E	NR	41	695	69	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	2.0 E	NR	37	614	63	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	4.0 E	NR	36	537	54	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	6.0 E	NR	43	471	46	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	8.0 E	NR	47	413	39	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	10 E	NR	44	352	32	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	12 E	NR	41	287	27	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	14 E	NR	41	250	22	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	NR	37	233	18	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	NR	32	219	15	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	NR		212	0.0	0.0	0.0	0.0	0.0
MEAN	0.0	0.0	3.3	0.0	2.1	NR	NR	417	106	1.7	0.0	0.0	0.0
MAX.	0.0	0.0	26	0.0	14	NR	NR	767	263	12	0.0	0.0	0.0
MIN.	0.0	0.0	0.0	0.0	0.0	NR	NR	32	15	0.0	0.0	0.0	0.0
AC. FT.	0.0	0.0	204	0.0	115	NR	NR	25610	6290	103	0.0	0.0	0.0

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM				MINIMUM				TOTAL ACRE FEET		
NR	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME	NR
779	5.28	5	18	1500		0.0					

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR OBSERVATION
 OF NO FLOW MADE THIS DAY
 # - E AND *

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.C.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
40 39 49	120 48 33	SE2 32N 10E				JUL 56-DATE	JUL 56-DATE	1956		0.00	LOCAL
Station located 1.8 mi. above mouth, 18 mi. NW of Susanville. Tributary to Eagle Lake. Stage-discharge relationship affected by ice at times. Drainage area is approximately 225 sq. mi.											

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
	1967	G42270	WILLOW CREEK NEAR LITCHFIELD

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	18	29	42	32	471 *	73	56	45	31	24	19	16 E	1
2	18	29	46	31	331	68	56	44	37	23	19	15 E	2
3	18	29	64	32	251	67	56	44	39	22	19	15 E	3
4	18	29	52	32	204	61	53	43	34	21	18	14 E	4
5	17 *	29	92	34	187	60	50	44	33	20	18	14 E	5
6	19	30	72	31	169	60	46	46	35 *	19	18	14 E	6
7	19	30	79	32	154	58	53	46	36	18	19	13 E	7
8	20	29	73	31	144	56	52	48	37	19	19	13 E	8
9	20	29 *	64	31	137	56	49	48	39	19	19	13 E	9
10	20	29	61	32	156	49	48	48 *	41	20	19	13 E	10
11	21	29	68	32	155	43	50	44	39	20 *	19	13 E	11
12	21	29	72	34	181	49	51 *	44	38	21	19	13 E	12
13	21	29	100	35	204	44	49	40	36	21	19	13 E	13
14	21	28	112	37	205	48	47	36	36	21	18	12 E	14
15	21	28	88	37	161 *	52	50	33	34	21	18 *	12 S	15
16	21	34	73	37	127	786	47	34	32	20	18 E	12 E	16
17	21	33	64	35	135	1020	46	34	30	18 E	12 E	16	17
18	21	34	56	35	129	489	55	33	27	21	18 E	12 E	18
19	21	33	51	35	114	271	59	32	27	20	18 E	12 E	19
20	21	36	47	37	96	187	53	31	29	21	18 E	12 E	20
21	22	41	45	157	86	163	50	29	32	21	18 E	11 E	21
22	23	40	41	122	81	141	48	27	32	21	18 E	11 E	22
23	23	36	39	163	76	124	46	23	28	21	18 E	11 E	23
24	24	35	38	123	73	128	50	21	26	21	18 E	11 E	24
25	25	31	40	98 *	71	113	55	20	25	21	17 E	11 E	25
26	26	30	32	78	68	99	54	21	27	21	17 E	11 E	26
27	27	30	34	138	68	79	50	26	28	21	17 E	11 E	27
28	28	34	32	499	67 *	76	49	29	28	20	17 E	11 E	28
29	29	50 *	32	1260		72	47	28	27	20	17 E	11 E	29
30	29	48	31 *	1040 *		63	46	23	26	20	16 E	11 E	30
31	29	31	752 *			56	22	19	16 E	10 E	10 E	31	
MEAN	22.0	32.7	57.1	165	154	152	50.7	35.0	32.3	20.6	18.0 E	12.4 E	MEAN
MAX.	29	50	112	1260	472	1020	59	48	41	24	19	16 E	MAX.
MIN.	17	28	31	31	67	43	46	20	25	19	16 E	10 E	MIN.
(C.FT.)	1353	1944	3513	10120	8531	9344	3017	2154	1922	1265	1109 E	738 E	AC.FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	MAXIMUM				MINIMUM				TOTAL ACRE FEET		
62.6	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME	45010

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. OATUM
			CFS	GAGE HT.	DATE			FROM	TO		
40 26 36	120 26 44	SW19 30N 14E	1650 E	8.99	2/2/60	NOV 57-DATE	NOV 57-DATE	1957		0.00	LOCAL

Station located 5.3 mi. NW of Litchfield, 11 mi. NE of Susanville. Tributary to Honey Lake. Stage-discharge relationship affected by ice at times. Computation of flow discontinued Oct. 1, 1967.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DECEMBER
1	0.4	0.6	8.0	1.7	14	5.3 *	8.7	4.6	46	20	4.3	1.3	
2	0.4	0.6	7.6	1.7 E	11	5.8	8.3	5.6	35	19	3.9	1.3	
3	0.5	0.5	7.0	1.6	9.1	6.1	8.3	6.1	31	17	3.7	1.2	
4	0.4	0.5	7.3	1.6	8.0	5.6	8.0	8.0	31	15	3.5	1.2	
5	0.4	0.5	14	1.6 E	7.3	5.0	7.6	10	32	14	3.3	1.2	
6	0.4 *	0.5	7.0	1.4 E	6.7	4.8	7.6	13	34	14	3.2	1.2	
7	0.5	0.6	5.3	1.4 E	6.4	4.8	7.6	21	36	12	3.0	1.2	
8	0.6	0.7	4.3	1.4 E	5.6	4.8	8.3	35	37	12	3.0	1.2	
9	0.6	0.7 *	4.1	1.4 E	5.3	5.3	8.3	40	41	12	2.8	1.2	
10	0.6	0.7	3.9	1.2	5.6	5.8	9.1	27	* 45	9.8	2.5	1.2	
11	0.6	0.7	3.7	1.2	5.3	6.4	8.0	19	47	9.8	2.4	1.2	
12	0.6	0.8	3.9 *	1.2	5.8	6.7	7.6 *	18	51	9.1 *	2.2	1.2	
13	0.7	1.0	5.0	1.2	8.0	7.0	8.0	19	51	8.7	2.2	1.1	
14	0.8	1.1	5.8	1.1	9.8	4.8	8.0	27	51	8.7	2.2	1.1	
15	0.8	1.4	4.8	1.2	8.3	5.3	7.3	46	52	7.6	2.2	1.1	
16	1.0	2.5	3.9	1.2	7.3	52	6.4	76	*	54	9.8	2.1 *	1.1
17	1.0	1.5	3.5	1.2 #	6.4	54	6.4	95	59	8.7	2.0	1.1	
18	0.7	1.1	3.2	1.2	6.4	31	6.4	103	61	7.6	2.0	1.1	
19	0.6	1.3	3.0	1.2	6.1	23	6.1	110	61 *	7.0	2.0	1.1	
20	0.6	8.0	2.8	1.5	5.3	19	5.8	115	54	6.4	1.8	1.1	
21	0.5	3.3	2.6	14	5.3	20	5.3	110	48	6.1	1.7	1.1	
22	0.5	2.2	2.6	10	4.8	21	5.0	146	E 42	5.8	1.7	1.1	
23	0.6	1.7	2.5	4.6	4.8	29	5.0	161	E 36	5.3	1.6	1.1	
24	0.7	1.5	2.4	3.7	4.8	22	5.0	112	34	5.3	1.6	1.1	
25	0.6	1.6	2.5	2.6	4.8	18	5.0	99	32	5.0	1.6	1.1	
26	0.6	1.4	2.1	2.6	4.6	15	4.8	87	30	4.8	1.7	1.1	
27	0.6	1.5	2.0 E	4.3	4.3	14	4.8	85	27	4.8	1.7	1.1	
28	0.6	4.8	2.1 E	14	4.8	14	4.6	83	26	4.6	1.6	1.0	
29	0.6	12	2.1 E	81 *		12	4.6	79	24	4.6	1.6	1.0	
30	0.6	5.8	1.8	32		11	4.1	72	23	4.1	1.5	1.0	
31	0.6	1.8	1.8 E	19		10	64			4.3	1.4		
MEAN	0.6	2.0	4.3	6.9	6.6	14.5	6.7	61.2	41.0	9.1	2.3	1.1	
MAX.	1.0	12	14	81	14	54	9.1	161 E	61	20	4.3	1.3	
MIN.	0.4	0.5	1.8	1.1	4.3	4.8	4.1	4.6	23	4.1	1.4	1.0	
AC. FT.	37	121	263	426	369	890	397	3761	2442	561	143	65	

WATER YEAR SUMMARY

E - ESTIMATED

NR - NO RECORD

* - DISCHARGE MEASUREMENT OR OBSERVATION
OF NO FLOW MADE THIS DAY

- E AND *

MEAN DISCHARGE 13.0	MAXIMUM DISCHARGE 200 E	MATERIAL GAGE HT. 3.44	MO. DAY 5 22	TIME 1945	MINIMUM DISCHARGE 0.4	GAGE HT. 1.78	MO. DAY 10 1	TIME 0000	TOTAL ACRE FEET 9475
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LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.O.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO OH GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
40 21 26	120 42 11	SE23 29N 11E	4.76	1/31/63		DEC 57-DATE		DEC 57-DATE	1957	0.00	LOCAL
			381 E	4.31	12/22/64						

Station located 5.0 mi. SW of Susanville. Tributary to Honey Lake via Susan River. Stage-discharge relationship affected by ice at times. Drainage area is 7.2 sq. mi. Computation of flow discontinued Oct. 1, 1967.

TABLE B-5 (Cont.)

DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967		061200	LONG VALLEY CREEK NEAR DOYLE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	4.7	4.7	12	6.7	75 E	23 *	32	88	98	5.8	1.8	2.5	1
2	4.5	5.1	14	6.7	55 E	25	29	88	82	5.6	1.8	2.4	2
3	4.2	5.6	17	7.8	50 E	26	32	92	76	5.3	1.6	3.0	3
4	3.6	5.6	14	6.7 *	50 E	24	34	94	72	5.8	1.5	3.3	4
5	3.6 *	5.6	23	6.7	45 E	24	32	98	80	6.0	1.6	4.0	5
6	3.8	5.8	18	6.4	36 *	23	34	98	78 *	6.0	1.5	4.2	6
7	3.6	5.3	14	7.4	40	24	46	108	78	6.0	1.6	4.7	7
8	3.8	5.8	13	7.0	42	24	54	122	68	5.3	1.6	4.7	8
9	3.6	5.6 *	13	6.7	44	24	46	150	68	5.1	1.7	5.1	9
10	3.5	5.3	14	5.8	46	25	46	161 *	68	5.8	2.0	5.1	10
11	3.5	6.0	15	5.8	42	26	50 *	106	56	5.8	1.6	4.5	11
12	3.2	5.6	13 *	6.4	54	28	42	96	64	7.0	2.4	4.9	12
13	2.8	6.0	14	6.7	66	28	64	84	94	7.0	3.8	4.7	13
14	3.3	5.8	16	6.0	60	30	58	88	56	6.7	3.5	4.9	14
15	3.5	5.6	12	6.0	50	34	58	102	48	7.8	3.0 *	6.0	15
16	3.5	9.2	10	5.8	52	612 E	58	120	42	7.8	3.2	5.6	16
17	4.0	8.8	9.2	7.0	48	391 E	64	150 *	34	6.4 *	2.7	4.2	17
18	3.6	6.4	8.4	5.8	46	54	78	169	27	4.0	2.4	7.0 *	18
19	3.6	6.0	8.8	7.0	42	19	78	138	23	5.3	2.4	7.4	19
20	3.5	7.4	8.1	7.0	30	19	66	134	19	4.7	3.8	8.4	20
21	3.5	11	8.4	415 E	29	25	72	146	15	4.0	3.6	7.4	21
22	3.8	10	7.8	220 E	30	34	74	138	13	2.8	3.6	7.4	22
23	4.2	10	10	85 E	29	34	74	128	11	2.8	3.3	7.0	23
24	4.2	8.8	7.8	55 E	30	36	82	116	10	3.6	3.8	6.7	24
25	4.2	10	9.5	35 E	27	32	80	100	8.8	2.2	3.2	5.3	25
26	4.2	8.8	7.4	32 #	24	30	78	92	8.1	2.2	2.7	5.1	26
27	4.2	8.4	8.1	80 #	24	30	84	90	7.0	2.0	2.1	6.0	27
28	4.2	12	7.4	150 E	24	32	84	88	6.7	2.0	2.2	8.1	28
29	4.5	13	8.4	504 E	32	86	88	6.4	2.0	2.1	6.7	29	
30	4.5	12	6.4	274 #	34	86	80	5.8	2.0	3.2	7.4	30	
31	4.5	7.0	125 E	30	92					2.1	3.0		31
MEAN	4.7	7.5	11.4	67.9 E	42.5	59.1	60.0	111	37.0	4.7	2.5	5.5	MEAN
MAX.	4.7	13	23	504	75	612 E	86	169	98	7.8	3.6	8.4	MAX.
MIN.	2.8	4.7	6.4	5.8	24	23	29	80	5.8	2.0	1.5	2.4	MIN.
AC. FT.	228	447	704	4178 E	2360	3634	3572	6831	2199	291,	155	325	AC. FT.

WATER YEAR SUMMARY

MEAN DISCHARGE	DISCHARGE	MAXIMUM GAGE HT.	MO	DAY	TIME	MINIMUM DISCHARGE	GAGE HT.	MO	DAY	TIME
34.4	NR					NR				

TOTAL ACRE FEET
24920

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO OH GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 55 44	120 01 06	SE13 24N 17E				DEC 57-DATE	DEC 57-DATE	1957		0.00	LOCAL

Station located at U. S. Highway 395 bridge, 8.1 mi. SE of Doyle. Tributary to Honey Lake. Stage-discharge relationship affected by ice at times. Drainage area is approximately 150 sq. mi.

TABLE B-6
STREAMFLOW MEASUREMENTS AT MISCELLANEOUS LOCATIONS

This table shows the discharge rate on various streams at locations other than those where continuous recorders are maintained.

Included as miscellaneous measurements are tidal cycle measurements made in channels having flows affected by tidal action. These measurements are the mean cyclic flow for a tidal phase, which approximates 24 hours and 50 minutes. The mean cyclic flow is defined as the average algebraic summation of flows for a tidal phase.

TABLE B-6
STREAMFLOW MEASUREMENTS AT MISCELLANEOUS SITES

Stream	Location		Measurements		
	Latitude	Longitude	Date	Gage Height (ft)	Discharge (cfs)
Cottonwood Creek near Cottonwood	40-22-35	122-16-55	1-24-67 1-29-67	7.79 10.90	7320 18130
Middle River near Borden Highway	37-53-08	121-28-45	5-17-67 to 5-18-67		687 (A, B) 644 (A, B)
Middle River near Head	37-50-04	121-22-59	5-17-67 to 5-18-67		761 (A, B) 759 (A, B)
Middle River at Howard Road Bridge	37-52-33	121-22-48	2- 1-67 to 2- 2-67		282 (A, B) 288 (A, B)
Old River at Head	37-48-29	121-19-46	3- 8-67 to 3- 9-67		1718 (A, B) 1700 (A, B)
Sacramento River at Bend Bridge	40-15-53	122-13-21	11- 9-66 12- 5-66 12- 6-66 12-10-66 12-12-66 1-31-67 2- 8-67 2- 8-67	19.56 30.33 29.99 30.41 23.50 38.31 25.62 25.36	7869 51710 47940 50030 19390 103000 25790 24980
San Joaquin River above Old River	37-48-27	121-19-28	3- 8-67 to 3- 9- 67		2540 (A, B) 2542 (A, B)
San Joaquin River below Old River	37-48-36	121-19-30	3- 8-67 to 3- 9-67		801 (A, B) 810 (A, B)
Stockton Ship Channel at River Navigation Light No. 36	37-59-10	121-23-27	12-21-66 to 12-22-66		1836 (A, B) 2101 (A, B)
Turner Cut at McDonald Ferry	37-58-48	121-28-25	10-18-66 to 10-19-66		362 (A, C) 383 (A, C)
Turner Cut at McDonald Ferry	37-58-48	121-28-25	4-12-67 to 4-13-67		475 (A, C) 684 (A, C)

(A) The flows shown are mean cyclic flow for a tidal phase which approximates 24 hours and 50 minutes in time.
 (B) The mean cyclic flow is toward the downstream direction of the channel.
 (C) The mean cyclic flow is toward the upstream direction of the channel.

TABLE B-7

DIVERSIONS

Monthly diversion values have been rounded off as follows:

1. Individual diversions - acre-feet

0.0	- 999	nearest	Unit
1,000	- 9,999	"	Ten
10,000	- 99,999	"	Hundred
100,000	- 999,999	"	Thousand

2. Total monthly diversion - cubic feet second
All values to nearest unit.3. Monthly use in percent
All values to nearest tenth.

TABLE B-7
DIVERSIONS - SACRAMENTO RIVER
(Sacramento to Verona)
October 1966 through September 1967

WATER USER	MILE AND BANK above Sacramento	NUMBER OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET											TOTAL DIVERSION OCT-SEPT. ACRE-FEET	
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
--TOWER BRIDGE - SACRAMENTO--	0.0														
--GAGING STATION - SACRAMENTO RIVER AT SACRAMENTO--	0.6L														
City of Sacramento	0.8L	3-18 2-20 2-24	3050	1370	1240	1310	1210	1500	1290	2890	2860	4150	4260	3460	
--AMERICAN RIVER--	1.1L														
--BACK BORROW PIT RECLAMATION DISTRICT 1000--	1.3L														
G. W. Williams	1.45R	1-8													a
--RECLAMATION DISTRICT 1000 DRAIN (Second Bannon Slough)--	2.1L														
Elmer F. Christophe	2.15L	1-8													
Rose Orchard, Incorporated	3.55R	1-16													
M. Owyang	4.0R	1-10													
--STAGE STATION - SACRAMENTO RIVER AT SACRAMENTO WEIR--	4.0R														
--STAGE STATION - SACRAMENTO RIVER ABOVE SACRAMENTO WEIR--	4.4R														
Beatty Ramsey b	4.65R	1-7													
George W. Reed	5.05R	1-12													
Beatty Ramsey	5.25R	1-12													
Beatty Ramsey	5.3R	1-12													
Carl and Ray Casselman	5.5R	1-12													
Frank and Ruth Lang	5.55R	1-8													
Natomas Central Mutual Water Company	6.1L	2-18													
--RECLAMATION DISTRICT 1000 DRAIN NO. 3--	6.85L														
Fred C. Jones	7.5L	1-8													
A. Marty and C. Inderkum	7.7R	1-10													
Candido Rosa	7.8L	c	1-12												
E. D. Willey	7.9L	1-10													
A. Marty and C. Inderkum	8.3R	2-8													
Fong Shee Farm	9.3L	1-10													
Henry Amen and E. C. Peabody	9.35R	1-14	2												
Fred C. Jones	9.8L	1-8													
Marbet Land Company	9.9R	1-12													
Robbins Beatrice Clayton	10.25L	1-14													
Thomas M. Erwin	10.65R	1-12	4												
W. A. Ten Eyck	11.1R	1-12	13												
--ELKHORN FERRY--	11.9														
--STAGE STATION - SACRAMENTO RIVER AT ELKHORN FERRY--	12.0R														
Investment Operating Corporation d	12.0R	4-36	1540	533											
Thomas O'Conner Estate	12.5R	1-12	31												
William Plumb, Jr.	12.7R	1-6													
Lewis Thornton	12.95L	1-4													
S. C. Farms, Incorporated	13.1R	1-12	32												
S. C. Farms, Incorporated	13.25R	1-12	124												
Natomas Central Mutual Water Company	14.1L	1-24 1-30	53												
Joseph Veress	14.25R	1-14	34												
Corporation of the President, Sacramento Stake Latter Day Saints Church e	15.1R	1-16													
Natomas Central Mutual Water Company	16.0L	1-24 2-32 2-38													
Hershey Davidella, et al f	16.27R	1-20													
Deseret Farms of California	16.62R	1-14													

TABLE B-7 (Cont.)

DIVERSIONS - SACRAMENTO RIVER
(Sacramento to Verona) (contd.)
October 1966 through September 1967

WATER USER	MILE AND BANK above Sacramento	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET											TOTAL DIVERSION OCT-SEPT ACRE-FEET	
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
Deseret Farms of California	17.0R	1-14										19	50	a	69
Frank and Ruth Lang	17.4R	1-16										235			235
Deseret Farms of California	17.75R	1-16										144	144	113	401
Deseret Farms of California	18.0R	1-20										37	369	155	155
H. C. Lauppe	18.2L	2-10										48	65	48	161
Burton H. Lauppe	18.45L	1-14										147	161	157	34
Layton Knaggs	18.7R	1-24										22	64	114	
E. L. Kerns	18.7L	1-12	91												2,1
SACRAMENTO TO VERONA															
Total			4974	81	1903	1240	1310	1210	1641	1290	13790	18659	20110	21827	10215
Average cubic feet per second			5.1	3.2	20	21	21	22	27	22	224	314	327	355	172
Monthly use in percent of seasonal				1.9	1.3	1.4	1.2	1.7	1.3	14.0	19.0	20.5	22.2	10.4	136
															98165

a Record for October and the period April through September furnished by U. S. Bureau of Reclamation.

b Formerly listed as Reese and Greer.

c Replaces a 12" unit.

d Formerly listed as Woodland Farms, Incorporated.

e Formerly listed as Sacramento State Welfare Farms.

f Formerly listed as Hershey Estate.

TABLE B-7 (Cont.)

DIVERSIONS - SACRAMENTO RIVER
(Verona to Knights Landing)
October 1966 through September 1967

WATER USER	MILE AND BANK above Sacramento	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET											TOTAL DIVERSION OCT-SEPT ACRE-FEET	
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
--GAGING STATION - SACRAMENTO RIVER AT VERONA--	19.6L														21
--CROSS CANAL - RECLAMATION DISTRICTS 1000 and 1001--	19.6L														
Arthur Drown	*(0.05S)	1-10	69												
Natomas Central Mutual Water Company	*(1.0S)	1-24										3097	2338	4139	4049
Natomas Central Mutual Water Company	*(2.0S)	1-20										5241	6464	6853	6621
E. D. Willey and Sons	*(3.3N)	2-24										931	1316	2282	2766
E. D. Willey and Sons a	*(3.35N)	1-16													1139
Roy C. Osterli and Harland Van Dyke	*(3.45N)	1-14										641	946	1573	1792
--FEATHER RIVER--	20.9L														
--SACRAMENTO SLOUGH--	21.2L														186
Deseret Farms of California	21.5R	1-16													
Roy Michelotti	22.1R	1-10													
C. Fred Holmes	22.2L	1-14													155
Deseret Farms of California	22.5R	1-24	96												145
--STAGE STATION - SACRAMENTO RIVER AT FREMONT WEIR, EAST END--	22.58R														
Antonio Furlan	b 26.6L	1-16													c 45
A. F. Johnston	b 26.6L	1-16													60
--STAGE STATION - SACRAMENTO RIVER AT FREMONT WEIR, WEST END--	27.9R														
Lewell Edson	**28.1R(0.8)	1-5										6	2		10
Hershey Estate	**28.1R(1.3)	1-18										145	122	103	570
Gus Inglin	**28.1R(2.4)	1-12										13	2	1	36
Gus Inglin	28.2R	1-8		10	11							1	~	~	26
Antonio Furlan	28.2L	1-12										2	17	4	c 42

TABLE B-7 (Cont.)

DIVERSIONS - SACRAMENTO RIVER
 (Verona to Knights Landing) (contd.)
 October 1966 through September 1967

WATER USER	MILE AND BANK above Sacramento	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET											TOTAL DIVERSION OCT.-SEPT. ACRE-FEET	
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
Ralph White	28.6L	1-8													
Hershey Estate	29.0R	1-12 2-16													
Russell Brothers	29.2R	1-12													
England Brothers	29.7R	1-14													
Sebastian Yturralde	29.9L	1-12													
Leo Giovanetti	30.2L	1-6													
G. and D. Traganza	30.3R	1-8													
Antonio Furlan	30.5L	1-14													
Clayton Russell	30.6R	1-10													
England Brothers	30.7R	1-10													
Harry Anderson	30.9L	1-10													
A. C. Huston, Jr. and Mrs. E. Huston	31.5R	1-12													
England Brothers	31.75R	1-10 2-14													
M. Alonso	31.8L	1-6													
Sutter Mutual Water Company (Portuguese Bend)	32.0L	1-20 2-24													
Sutter Mutual Water Company	32.4L	1-24 1-30 1-36													
J. F. Waters and E. Furlan	32.5L	1-12													
Collier Brothers	32.5R	1-10													
W. H. Ziegler	33.2L	2-10 1-12													
J. G. Knox Estate	33.35L	2-12													
Clarence Du Bois	33.5R	1-12													
P.K. G.J. and W. N. Leiser	33.75L	1-12													
Neil Wilson	33.85R	1-4 1-6													
--SOUTHERN PACIFIC RAILROAD BRIDGE--	33.95														
<u>VERONA TO KNIGHTS LANDING</u>			175	11	0	0	0	0	0	12466	13985	18980	19483	8248	73348
Total			3	0	0	0	0	0	0	203	235	309	317	138	101
Average cubic feet per second			0.2	0.0	0.0	0.0	0.0	0.0	0.0	17.0	19.1	25.9	26.6	11.2	
Monthly use in percent of seasonal															

* Mile 19.6L Cross Canal. Distance from Sacramento River and bank are shown in parentheses.

** Mile 28.1R. An old channel of Sacramento River. Distance from Sacramento River shown in parentheses.

a Formerly listed as B. J. Ukropina.

b Plant moved from Mile 26.8L

c Records for October and the period April through September furnished by the U. S. Bureau of Reclamation.

TABLE B-7 (Cont.)

DIVERSIONS - SACRAMENTO RIVER
(Knights Landing to Wilkins Slough)
October 1966 through September 1967

WATER USER	MILE AND BANK above Sacramento	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET											TOTAL DIVERSION OCT.-SEPT. ACRE-FEET	
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
--GAGING STATION - SACRAMENTO RIVER AT KNIGHTS LANDING--	54.0L														
--KNIGHTS LANDING BRIDGE--	54.1														
--COLUSA BASIN DRAIN--	34.15R														
River Garden Farms Company	34.5R	1-16 1-20 1-24													
--RECLAMATION DISTRICT 787 DRAINAGE PLANT--	37.0R														
Sutter Mutual Water Company (State Ranch Bend)	40.6L	2-24 1-36	175	104											a 20912
River Garden Farms Company	41.0R	1-14 1-16													a 351
El Dorado Ranch	42.3R	1-14 1-16	162												2424
Reclamation District 2047	43.1R	3-50													ab 2054
--RECLAMATION DISTRICT 108 DRAINAGE PLANT--	44.0R														
John Clauss	44.2L	1-18													294
--GAGING STATION - SACRAMENTO RIVER ABOVE R.D. 108 DFAIN PLANT--	46.4R														
Oji Brothers	48.7L	2-22													a 2016
G. J. Hiatt	49.7L	1-14													a 829
Reclamation District 108 (Tyndall Mound)	51.1R	1-16 1-18 2-24 1-36	321												a 2076
William S. Keeler	51.2L	2-16													a 2096
Reclamation District 108 (Howell Point)	53.8R	1-14 1-20 1-36													a 3399
Reclamation District 108 (Boyer Bend)	56.4R	1-12 1-18 2-22 1-36	124												a 8206
Broomieside Farm	56.35L	1-20		76	42										a 574
Pelger Mutual Water District	57.25L	1-24 1-30		144											a 2757
W. A. Larner	60.4L	1-14 1-16													a 1035
John Mack	62.3L	1-14													a 345
KNIGHTS LANDING TO WILKINS SLOUGH															
Total		782 13 0.7	324 5 0.3	42 1 0.0	0 0 0.0	0 0 0.0	0 0 0.0	0 0 0.0	26353 429 24.5	27323 459 25.4	24471 398 22.8	21031 342 19.6	7196 121 6.7	1000-1	
Average cubic feet per second															
Monthly use in percent of seasonal															

a Records for October and the period April through September furnished by the U. S. Bureau of Reclamation.

b Includes 654 acre-feet of water delivered to River Garden Farms Company as follows: May 160, June 135, July 206, August 99, and September 54.

TABLE B-7 (Cont.)

DIVERSIONS - SACRAMENTO RIVER
(Wilkins Slough to Colusa)
October 1966 through September 1967

WATER USER	MILE AND BANK above Sacramento	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET											TOTAL DIVERSION OCT.-SEPT. ACRE-FEET		
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.		
--GAGING STATION - SACRAMENTO RIVER BELOW WILKINS SLOUGH--	62.9R															
Reclamation District 108 (Wilkins Slough)	63.2R	1-42 5-48	841	903						1546	1976	114	5137	a	93592	
Sutter Mutual Water Company	63.75L	6-42 2-48	472						1405	43542	31408	38924	38305	9808	a	163864
Robert E. Seamans	63.9L	2-14								164	216	480	303	96	a	1212
--STAGE STATION - SACRAMENTO RIVER AT TISDALE WEIR--	64.2L															
Tisdale Irrigation and Drainage Company	64.4L	1-8 1-14								487	414	199	184	-	a	1281
Tisdale Irrigation and Drainage Company	67.1L	1-16 1-22								901	735	1444	1695	215	a	5613
Newhall Land and Farming Company	67.5L	1-12 2-24							19	1591	1654	225	201	43	a	3732
--RECLAMATION DISTRICT 70 DRAINAGE PLANT--	68.8L															
C. Yerxa and A. Andreotti	69.2R	1-10 2-16	334	42						210	574	539	766	445		3317
--EDDY'S FERRY SITE (GRIMES)--	69.45															
Beckley, Ritchie, Poundstone and Andreotti	70.4R	1-16 1-20								1040	1000	1100	1020	463		4643
Meridian Farms Water Company #4	71.1L	2-18								540	564	725	840	241	#	1909
H. and A. Andreotti	72.1L	2-14								369	367	683	707	47	a	2618
Meridian Farms Water Company #5	74.8L	1-18								257	313	497	564	25	a	1883
Olive Percy Davis, et al	77.8R	1-12	74							51	116	124	57	-	a	693
Olive Percy Davis, et al	78.15R	2-30	59							1897	190	190	191	1064	a	8799
Olive Percy Davis, et al	78.75R	2-12 1-16	204							361	416	833	783	267	a	3863
Olive Percy Davis, et al	78.8R	1-24								1439	1651	170	-	-	a	326
--GAGING STATION - SACRAMENTO RIVER AT MERIDIAN--	79.85#															
Meridian Farms Water Company #1 and #2	80.0L	1-18 1-30 1-36	111						143	138	531	1591	320	812	a	14679
Tomlinson Brothers and E. J. Burrows	81.5L	1-16								278	366	699	703	-	a	3254
Steidlmayer Brothers	83.0R	1-2	961	24							33	57	234	445		136
--BUTTE SLOUGH OUTFALL GATES--	84.0L															
Oe Jarnatt, Nagel and Levich b	88.2L	1-10														
Reclamation District 1004	89.25L	1-18								154		633	449	58	a	1294
<u>WILKINS SLOUGH TO COLUSA</u>																
Total		156 50 1...	136 17 1...	13 17 1...	13 17 1...	13 17 1...	13 17 1...	13 17 1...	1567	78763 181 246	6737 1150 31...	14 1208 22...	1213 1200 310	3751 349 64		303543 443
Average cubic feet per sec. nd																
Monthly use in percent of seasonal																

Station located on bridge at or near center of stream.

a Records for October and the period April through September furnished by the U. S. Bureau of Reclamation.

TABLE B-7 (Cont.)

DIVERSIONS - SACRAMENTO RIVER
(Colusa to Butte City)
October 1966 through September 1967

WATER USER	MILE AND BANK above Sacramento	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET												TOTAL DIVERSION OCT-SEPT
			OCT.	NOV.	OEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
--GAGING STATION - SACRAMENTO RIVER AT COLUSA--	89.4R														
--COLUSA BRIDGE--	89.4														
Roberts Ditch Company	90.7R	1-18	22	3											a 1
--STAGE STATION - SACRAMENTO RIVER AT COLUSA WEIR--	92.4L														
Wilson Lovvorn	93.15R	1-24													
Roger Wilbur	95.25L	1-12 1-18													
Joan and Wilmarth Lewis	95.6L	1-16 1-20	345	263											
J. G. Griffin	95.8L	1-16 1-26													
Otterson and Boggs	98.6L	1-16													
Sactane Mutual Water Company	99.25L	2-16		73											
Helen Forry	99.8L	1-12 1-16		13											
Guy M. Morse	102.8R	2-12 1-20		285											4
--GAGING STATION - SACRAMENTO RIVER OPPOSITE MOULTON WEIR--	103.3R														
--STAGE STATION - SACRAMENTO RIVER AT MOULTON WEIR--	103.6L														
Eleanor P. Welch	103.7R	1-16 1-18													
Maxwell Irrigation District	103.8R	2-20 1-24													
C. W. Tuttle	103.9R	1-12 1-18													
Thousand Acre-Ranch	106.0R	1-14													
Olive Percy Davis, et al	106.5R	2-16													
--PRINCETON FERRY--	112.0														
Reclamation District 1004	112.1L	2-30 1-36 1-50	-25												
Princeton-Cudora-Glenn Irrigation District	112.4R	3-24													
COLUSA TO BUTTE CITY															
Total		605 10 0.7	624 10 0.7	0 0 0.0	0 0 0.0	0 0 0.0	0 0 0.0	0 0 0.0	107 2 0.1	17758 389 19.7	16199 772 17.9	7786 452 10.8	2238 362 24.6	4970 84 5.5	40
Average cubic feet per second															
Monthly use in percent of seasonal															

a Records for October and the period April through September furnished by the U. S. Bureau of Reclamation.

TABLE B-7 (Cont.)

DIVERSIONS - SACRAMENTO RIVER
 (Butte City to Red Bluff)
 October 1966 through September 1967

WATER USER	MILE AND BANK above Sacramento	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET												TOTAL DIVERSION DCT. - SEPT. ACRE-FEET
			DCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
--BUTTE CITY BRIDGE--	115.8														
--GAGING STATION - SACRAMENTO RIVER AT BUTTE CITY--	115.8L														
Princeton-Codora-Glenn Irrigation District	123.9R	5-24	883												
Provident Irrigation District	124.2R	2-24 1-36 2-46	2010	1360	1340	86									
J. Bertapelle	124.3R	1-12	95	42											
--GAGING STATION - SACRAMENTO RIVER AT ORD FERRY--	130.8R														
--STONY CREEK--	138.0R														
--BIG CHICO CREEK--	141.5L														
M & T Incorporated and Parrott Investment Company	141.5L	1-20 4-24	304	128	66	18									
--OLD CHICO LANDING RAILROAD BRIDGE SITE--	142.1														
--GAGING STATION - SACRAMENTO RIVER AT HAMILTON CITY (GIANELLA BRIDGE)--	149.5L														
Bolen Ranch	150.8R	1-12 1-16						2							
Newhall Land & Farming Company	153.6L	1-10 1-14 1-16													
Glenn-Colusa Irrigation District	154.8R	1-36 4-14 1-48 1-64 4-66 3-72 1-100	34300	13700											
--GAGING STATION - SACRAMENTO RIVER AT VINA BRIDGE--	166.5R														
Corning Canal	191.15R	c 3-20 3-30	1510	122											
Diamond National Corporation	191.5R	1-8													
Diamond National Corporation	197.0L	1-8													
<u>BUTTE CITY TO RED BLUFF</u>															
Total			39102	15352	1406	104	2	0	4651	126881	128375	152603	136147	52142	656765
Average cubic feet per second			636	258	23	2	0	0	78	2064	2157	2482	2214	876	907
Monthly use in percent of seasonal			6.0	2.4	0.2	0.0	0.0	0.0	0.7	19.3	19.6	23.2	20.7	7.9	

a Records for October and the period April through September furnished by the U. S. Bureau of Reclamation.

b Includes an undetermined amount of water spilled back to river.

c Three 20" units were installed in 1967.

TABLE B-7 (Cont.)

DIVERSIONS - SACRAMENTO RIVER
(Red Bluff to Redding)
October 1966 through September 1967

WATER USER	MILE AND BANK above Sacramento	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET											TOTAL DIVERSION OCT.-SEPT. ACRE-FEET	
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
--GAGING STATION - SACRAMENTO RIVER NEAR RED BLUFF--	198.6L														
Lake Mills Development Co., b	207.3L	1-8	103												a 103
Lake Mills Development Co., b	207.5L	1-12	218												a 1918
Rio Alto Rancho	221.0R	1-12	259												a 1414
Anderson-Cottonwood Irrigation District	240.5L	4-16	2710												a 17690
Riverview Golf Course	240.8L	1-4	23												a 221
Wintu Pumping Plant, c	244.44L	4-20	46	28	11	11	205	65	110	153	375	746	830	667	a 3247
Anderson-Cottonwood Irrigation District	246.0R	Gravity	20000							17800	20300	20600	20700	19000	ad 118400
City of Redding	246.25L	2-6	28	5		1	1	1		17	33	25	26	27	166
City of Redding	246.7R	3-8	427	231	205	155	187	214	185	418	544	795	796	593	4750
--GAGING STATION - SACRAMENTO RIVER AT KESWICK--	250.5R														
<u>RED BLUFF TO REDDING</u>															
Total		23814	264	216	167	393	280	297	20149	24409	26604	26916	4406	14790	204
Average cubic feet per second		387	4	4	2	7	2	5	325	410	433	458	471		
Monthly use in percent of seasonal		16.1	0.2	0.1	0.1	0.1	0.2	0.2	15.6	16.5	18.0	18.0	16.1		
<u>SACRAMENTO RIVER - SACRAMENTO TO REDDING</u>															
Total		72508	19464	7904	1581	1602	1921	791	1610	9618	144504	21249	12100	14442	204
Average cubic feet per second		1179	327	47	56	26	31	133	4817	4978	5008	5031	511		
Monthly use in percent of seasonal		4.8	1.5	0.0	0.1	0.1	0.1	0.2	11.1	19.8	21.0	21.0	21.0		

a Records for October and the period April through September furnished by the U. S. Bureau of Reclamation.

b Formerly listed as O. Mills.

c New installation in 1967.

d Includes 10307 acre-feet of spill at Red Bluff; May 219, June 1640, July 670 and October 1370.

TABLE B-7 (Cont.)

DIVERSIONS - COLUSA BASIN DRAIN*
October 1966 through September 1967

WATER USER	MILE AND BANK **	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET											TOTAL DIVERSION OCT.-SEPT. ACRE-FEET	
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
--GAGING STATION - COLUSA BASIN DRAIN AT KNIGHTS LANDING (KNIGHTS LANDING OUTFALL GATES)-	0.25L														
River Garden Farms Company	0.5L	1-20													40604
Layton Knaggs	4.65R(0.3)	2-24													1-41
Layton Knaggs	6.5R (1.5)	1-20													
Layton Knaggs	7.5R (0.5)	3-16 1-20													
George E. Youngmark	8.8R	1-14 1-16			46	54									40
Hershey Estate	11.15R	1-16 1-18		1	106										2-01
Hershey Estate	13.75R	1-16													0
C. M. Mumma	14.75R	a 1-10													1-0
--COUNTY LINE BRIDGE--	15.25														
Robert J. Rooney	18.5R (0.8)	1-14													15
--RECLAMATION DISTRICT 108 GRAVITY DRAIN--															
Reclamation District 108	19.9L	1-16 1-24 1-30													760
Robert J. Rooney	20.0R	1-14 1-16		117	-	40	6								

TABLE B-7 (Cont.)

DIVERSIONS - COLUSA BASIN DRAIN* (contd.)
October 1966 through September 1967

WATER USER	MILE AND BANK **	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET											TOTAL DIVERSION OCT.-SEPT. ACRE-FEET		
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.		
Colusa County Water District b	205R(1.2)	2-10 3-14 2-18				39	85	34	15	141	1720	3460	2480	684	c 8658	
B. W. Whitmire and Son d	21.35R	2-16		254	89	7				439	356	587	686	142	2800	
--GAGING STATION - COLUSA BASIN DRAIN NEAR COLLEGE CITY--	22.5L															
--HILLGATE ROAD BRIDGE--	22.7															
--SOUTHERN PACIFIC RAILROAD BRIDGE--	23.6															
Baldson Ranch	24.6 (0.3)	1-14 2-16	217	59		31		118		522	1150	1520	1370	404	5391	
--GRIMES - COLLEGE CITY CAUSEWAY--	25.5															
Loretta S. Christenson and Frederick J. Strain	25.9L	1-16 1-20 1-24														
C. W. and M. F. Struckmeyer	27.25L(0.3)	2-16	219							131	281	967	97	540	3135	
William P. Wallace Ranch	28.0R	1-12 1-16								336	370	456	547	73	1782	
Olive Percy Davis, et al	29.8R (0.4)	1-16								260	290	405	548	91	1594	
Glenn-Colusa Irrigation District	29.8R (1.4)	1-20 2-38								2140	489	2200	3700	565	9297	
Olive Percy Davis, et al	32.1R	1-16														
MERIDIAN - WILLIAMS BRIDGE--	32.15															
Federal Fish and Wildlife Service	32.6R	1-16								247	400	393	431	259	1730	
Richard Moore	33.5L	1-12 1-16								55	542	668	826	786	253	3130
Federal Fish and Wildlife Service	36.65R	1-15 1-20	1260	899	138	15				249	656	802	1670	1610	6796	
--GAGING STATION - COLUSA BASIN DRAIN AT HIGHWAY 20--	37.0															
I. G. Zumwalt Company	39.2L	8-20	35	164						2760	1330	3040	1860	14	9443	
--LURLINE ROAD BRIDGE--	39.25															
Leon Paulo and Seaver Farms	40.0L	3-16	74							871	1110	1350	1410	56	5370	
Seaver Farms and F. J. Byington	41.5L	4-16	5							1100	1080	1610	1760	676	626	
Watt Brothers	43.2L	1-12 1-16								646	436	613	539		2234	
--MAXWELL ROAD BRIDGE--	43.25															
H. and A. Andreotti	44.3L	e 1-14 1-16								563	457	719	701	93	2554	
Ash Farms and Elva Niles	45.0L	2-16								729	828	1160	983	124	3824	
I. G. Zumwalt Company	46.75L	1-24														
Leonard R. Beauchamp	47.5L (0.4)	2-16								420	809	637	667	42	2567	
Maxwell Irrigation District	48.7R (0.8)	1-14 1-16 2-20		1500		7				810	311	1090	380	1910	6003	
Eayles and McCarthy Brothers f	49.58L(0.9)	1-10 1-12								280	358	617	60	128	2005	
Helphestine Rice Lands	49.69L	1-14 1-18	165	1-9						638	654	676	941	101	3454	
E. M. Massa	49.7L	1-16								67	59	56	24		222	
--PRINCETON - NORMAN ROAD BRIDGE--	53.5															
Princeton-Codora-Glenn Irrigation District	54.2L	1-16 1-18 1-24								-70	-970	3460	3350	191	13571	
Provident Irrigation Opp. District (Willow Creek Plant)	57.5R (2.4)	1-24 1-36								360	86	736	813		2494	
Princeton-Codora-Glenn Irrigation District	57.5L	1-18								341	444	640	655	191	2270	
--LATERAL HIGHWAY BRIDGE BUTTE CITY TO WEST SIDE--	57.5															
Gerald Garner g	58.4R	1-12 1-16								477	497	601	58	15	2391	
--ROAD 59 BRIDGE--	59.0															
Provident Irrigation District	59.9R (0.4)	1-16 1-18								2030	1850	1810	1700	320	8733	

TABLE B-7 (Cont.)

DIVERSIONS - COLUSA BASIN DRAIN* (contd.)
October 1966 through September 1967

WATER USER	MILE AND BANK *	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET											TOTAL DIVERSION OCT.-SEP. ACRE-FEET		
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.		
Provident Irrigation Opp. 61.2R (1.5) District (Drain #55)		Gravity	1100	1390							7220	7020	7730	7490	5850	378
--STATE HIGHWAY 45 BRIDGE--	61.2															
Provident Irrigation Opp. 62.8R(2.5) District (h)		2-16	180								885	223	139	307	183	191
Terrill Knight	63.2L	1-12 1-16									350	364	384	385	111	15
Mary R. Bohach	64.1L	1-12 1-14									201	156	353	315		10
Provident Irrigation 64.2R(0.1) District (Colusa Basin Drain)		1-20 1-24									1930	3090	2360	2230	1080	106
Provident Irrigation Opp. 64.2R(2.6) District (Drain #13)		1-16 1-20 1-24	92								1170	1780	1780	1630	642	70
Provident Irrigation Opp. 64.2R(2.6) District (Drain #13)		Gravity	1040	801							385	318	153	599	901	41
<u>COLUSA BASIN DRAIN</u>																
Total			6385	3451	634	154	85	152	1230	34326	35708	52735	50618	21264	206	
Average cubic feet per second			104	56	10	2	2	2	21	558	500	859	823	357	2	
Monthly use in percent of seasonal			3.1	1.7	0.3	0.1	0.0	0.1	0.6	18.6	17.7	25.5	24.5	10.5		

* Carries return water from Colusa Basin along west border of Reclamation District 108 and 787, and then discharges to Sacramento River at Mile 34.15R or partial diversion via Knights Landing Ridge Cut.

** Mileage along Colusa Basin Drain from junction with Sacramento River.

a Replaces a 16" unit.

b New installation in 1967.

c Records furnished by the U. S. Bureau of Reclamation.

d Formerly listed as B. W. Whitmire and D. S. Adams.

e One 14" unit was installed in 1967.

f Previously listed as McCarthy and Bayless.

g Formerly listed as Jamieson Ranches, Incorporated.

h Previously listed as Mile 62.8L.

TABLE B-7 (Cont.)

DIVERSIONS - KNIGHTS LANDING RIDGE CUT
October 1966 through September 1967

WATER USER	MILE AND BANK *	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET											TOTAL DIVERSION OCT.-SEP. ACRE-FEET	
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
--STATE HIGHWAY 113 BRIDGE--	0.3														
--SOUTHERN PACIFIC RAILROAD BRIDGE--	0.7														
E. L. Wallace	0.8R	1-16 1-20													
England Brothers	0.82L	1-14													
--RECLAMATION DISTRICT 730 DRAINAGE PLANT #2--	3.2R														
Hershey Estate	4.75L	1-24													
--WEST LEVEE YOLO BYPASS--	6.3														
Hershey Estate	6.3	Gravity													
Deseret Farma	6.3	Gravity													
<u>KNIGHTS LANDING RIDGE CUT</u>															
Total			0	0	0	0	0	0	0	148	1340	3557	461	134	140
Average cubic feet per second			0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	10.0	31.0	37.1	17.1	
Monthly use in percent of seasonal			0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	3.8	6.3	7.1	3.6	

* Mileage downstream from head on Colusa Basin Drain near Knights Landing. Flow is principally Colusa Basin drainage diverted to the Ridge Cut by checking at Knights Landing Outfall Gates.

TABLE B-7 (Cont.)

DIVERSIONS - YOLO BYPASS
(East Borrow Pit or Tule Canal)
October 1966 through September 1967

WATER USER	MILE AND BANK *	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET											TOTAL DIVERSION OCT.-SEPT. ACRE-FEET	
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
Florence and Lillian Swanston a	1.8S(0.5)	1-14											114		119
Florence and Lillian Swanston a	1.5S	1-14										178	179		357
--STAGE STATION - YOLO BYPASS BELOW SACRAMENTO BYPASS--	1.0S														
Florence and Lillian Swanston a	0.8S	d 1-14 1-16										452	453		905
Florence and Lillian Swanston a	0.5S	1-16										169	168		337
--STAGE STATION - YOLO BYPASS ABOVE SACRAMENTO BYPASS--	0.0														
Florence and Lillian Swanston a	1.8N	1-16 1-20										490	327		817
Martha Ensher c	2.4N	d 1-16										492	1521	236	2299
--SACRAMENTO-WOODLAND HIGHWAY--	6.18N														
--SACRAMENTO-WOODLAND RAILROAD BRIDGE--	6.2N														
--CAIHE CREEK--	7.0N														
--KNIGHTS LANDING RIDGE CUT--	9.6N														
--RECLAMATION DISTRICT 1600 DRAINAGE PLANT--	10.0N														
<u>YOLO BYPASS (East Borrow Pit or Tule Canal)</u>															
Total			0	0	0	0	0	0	0	0	0	1781	2767	286	4834
Average cubic feet per second			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29	5		7
Monthly use in percent of seasonal			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.9	57.1	6.0	

* Mileage is given northerly or southerly from North Levee of Sacramento Bypass.
Diversions from East Borrow Pit of Yolo Bypass are primarily from water diverted through Knights Landing Ridge Cut.

a Formerly listed as Swanston Land Company.

b 14" pump listed at 1.5S used for 39 days at 0.8S.
c Formerly listed as Ensher, Alexander and Barsoom.

d Replaces a 20" unit.

TABLE B-7 (Cont.)

DIVERSIONS - LOWER BUTTE CREEK AND BUTTE SLOUGH
October 1966 through September 1967

WATER USER	MILE AND BANK	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET											TOTAL DIVERSION OCT.-SEPT. ACRE-FEET	
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
<u>LOWER BUTTE CREEK</u>															
Mrs. Mamie M. Smith a	0.2L	1-6										25			25
Reclamation District 1004	0.9R	1-16		236							291	557	429	480	1993
Reclamation District 1004	3.2R	1-14													
Reclamation District 833	3.3L	1-16													
Colusa Shooting Club	4.1L	1-16	549												
West Butte Farms Company	4.25L	1-18													
Reclamation District 1004	4.3R	1-20 1-24									229	1040	1290	1250	4507
El Anzar, Incorporated	5.7L	1-12													
Pield and Tule	7.1L	1-10													
White Mallard Duck Club	11.8R	Gravity	500	968	484	161									2113
White Mallard Duck Club	11.8R(0.5)	1-12	477	221	515	66									1279
White Mallard Duck Club	11.8R(1.95)	Gravity	993	1920	1990	320									5223
White Mallard Duck Club	11.8R(2.45)	Gravity	89	506	655	175									142
Reclamation District 1004	11.8R(2.6)	Gravity	4360	3380	2840	625					2330	1410	2150	2340	20925
Reclamation District Opp. 1004	14.4R(0.2)	Gravity	1610	1090	812	4					1470	1080	1250	1110	8996
Compton Hills Ranch Opp. 14.4R(0.4)		1-16													b
Compton Hills Ranch Opp. 14.4R(0.6)															b
Butte Basin Gun Clubs c	15.3L	Gravity													b
--GRIDLEY ROAD BRIDGE--	15.4														
Compton Hills Ranch d	19.3R	1-16													b
--BIGGS-AFTON ROAD BRIDGE--	19.4														
Compton Hills Ranch d Opp. 19.6R(0.8)		1-14													b

TABLE B-7 (Cont.)

DIVERSIONS - LOWER BUTTE CREEK AND BUTTE SLOUGH (contd.)
October 1966 through September 1967

WATER USER	MILE AND BANK	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET												TOTAL DIVERSION OCT-SEP ACRE-FT
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
Homar and Homar A. Charles	Opp. 20.7R (0.8)	2-16	44	91	12	1				279	254	586	669	352	228
McGowan Brothers	Opp. 20.9R (0.5)	1-16								201	201	284	232		91
McGowan Brothers	21.0R	1-20													
E. McPherrin	21.1L	1-16 1-20								1840	1490	3360	3150	457	1029
Dorothy Hulen	Opp. 21.4R (1.0)	1-16								126	226	290	192	132	96
McGowan Brothers	Opp. 22.4R (0.7)	e 2-16								280	195	429	317		122
McGowan Brothers	Opp. 22.4R (1.1)	1-16													
--RICHVALE-BUTTE CITY ROAD BRIDGE--	22.5														
Harris Lands	23.0L	1-16	13								8	3	14	14	5
McGowan Brothers	23.0R	1-16 f 2-20								822	724	1510	1190	32	427
McGowan Brothers	Opp. 23.0R (0.75)	g 1-14 1-16	48	11						591	421	455	464	94	208
McGowan Brothers	Opp. 23.5R (1.2)	1-16													
McGowan Brothers	Opp. 24.0R (0.5)	1-16 2-20								1100	1140	1300	1120	147	480
McGowan Brothers	24.5R (1.4)	e 2-16								149	154	222	223	76	82
Ruth Baldwin and Charles K. Layton	Opp. 25.6L (0.6)	1-16								970	848	1000	732	38	358
Rio Bonita Ranch	26.1L	2-16	4							382	608	572	536	98	20
Arrowhead Ranch h	27.9R	1-16								167					16
Arrowhead Ranch	28.0R	1-12 2-16													
Arrowhead Ranch	29.2R	1-16	40												
Wilfried H. Barmann	30.3L	1-12													
--WESTERN CANAL DAM--	30.3														
--SACRAMENTO RIVER JUNCTION--	0.0														
Butte Slough Irrigation Company	0.0	Gravity													
Reclamation District 1004	0.02E	1-14 1-16								44	68	128	144		37
M. Marty	0.3W	1-10	45	1							109	103	165	111	b
--BUTTE CREEK--	0.6E														
Mrs. Mamie M. Smith	0.9E	1-7													
Joe Marty	1.0W	1-12	7								15	18	41		
Mrs. Mamie M. Smith	1.4E	1-8									15	10	18	41	84
Frei Tarke	1.9W	1-14													
C. W. Rowley	1.5W	1-14	36								61	130	215	155	36
J. E. Smith	3.0W	1-10													14
Pearl Clark and Alice Brewer	3.5W	1-10													14
P. A. Reische	3.7W	1-10													14
--GAGING STATION - BUTTE SLOUGH NEAR MERIDIAN--	4.0W														
W. Taylor and Pirtle	4.08W	1-6													
P. A. Reische	4.1W	1-10									44	31	41		136
James Tarke	4.3E	J 1-6										24	12		56
W. J. Hankins	4.8W	1-12										14	87	73	174
P. B. Hensen	5.1W	1-12										51	52	31	114
Edward E. Nall	6.9W	1-12										26	14	21	6
LOWER BUTTE CREEK AND BUTTE SLOUGH			9005 146 10.7	8424 142 10.0	7308 119 8.7	150 22 1.6	0 0 0.0	0 0 0.0	1156 185 13.4	1074 181 12.7	16387 26.7 19.	15108 346 17.9	4772 86 5.6	8446 116	

* Mileage on Butte Creek from junction with Butte Slough at Mil. 1.6E.
** Mileage on Butte Slough from junction with Sacramento River at Mil 84.0L.
a Temporary installation during 1967.
b No record available.
c Previously listed as Mil 15.6L.
d Formerly listed as J. Ken Sexton and Son.
e One 16" unit was a temporary installation during 1967.
f One 20" unit was a temporary installation during 1967.
g The 14" unit was a temporary installation during 1967.
h New installation in 1967.

i Flow in Butte Slough derived from Butte Creek, is controlled by outfall gates at junction with Sacramento River and is thereby retained in Butte Slough to discharge into East and West Borrow Pits of Sutter Bypass near "Long Bridge". The outfall gates are maintained by the Department of Water Resources and are operated cooperatively with the Butte Slough Irrigation Company. See Sutter Bypass Diversion. j Replaces a 3" unit.

TABLE B-7 (Cont.)

DIVERSIONS - SUTTER BYPASS AND SACRAMENTO SLOUGH
October 1966 through September 1967

WATER USER	MILE AND BANK	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET												TOTAL DIVERSION OCT.-SEPT. ACRE-FEET
			OCT.	NOV.	OEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
--SOUTHERN PACIFIC RAILROAD BRIDGE--	2.5	*				WEST	BORROW	PIT OF	SUTTER	BYPASS	(a)				
C. Fred Holmes	b 8.0L	1-18						NO DIVERSION							
--STATE HIGHWAY 113 CAUSEWAY--	12.7							NO DIVERSION							
Sutter Mutual Water Company	17.5R	1-18													
--SOUTH LEVEE OF TISDALE BYPASS--	18.9R														
--RECLAMATION DISTRICT 1660 GRAVITY DRAIN--	19.3R														
G. Guisti and Sons	23.7R	1-16 1-24							66	761	1340	100	339	129	
Central Gun Club	b 24.5L	1-12	198	66									31	295	
Butte Slough Irrigation Company Limited	24.6R	1-18						NO DIVERSION							
Central Gun Club d	24.8L	1-14									30				
Butte Slough Irrigation Company Limited	25.0R	Gravity							387	450	637	511	330	233	
Butte Slough Irrigation Company Limited	28.4R	Gravity							160	180	250	2660	930	7895	
Fred Tarke	28.6R	1-4 1-10						NO DIVERSION							
G. A. Frye	29.0R	1-8										5		10	
--STATE HIGHWAY 20 BRIDGE--	29.1														
Fred Tarke	29.2R	1-10								1	40	13		9	
--SACRAMENTO NORTHERN RAILROAD BRIDGE--	29.25														
	**					EAST	BORROW	PIT OF	CUTTER	BYPASS	(a)				
C. Fred Holmes	b 1.5S	1-14						NO DIVERSION							
Agrivest Corporation	b 0.95S	1-16							13	12	34F	35C	15	96	
Hamatani Nicolaus Ranch	0.5S	1-18						NO DIVISION							
--WILLOW SLOUGH--	0.0														
Agrivest Corporation	b 0.5N	2-16							199	21	140	182	37	37+3	
--RECLAMATION BOARD DRAINAGE PLANT #1--	1.4N														
Cliff P. Childers	" (0.2)	1-16							123	46					
Cliff P. Childers	" (0.3)	e 1-14 1-16							596	458	245	69	199	127	
Cliff P. Childers	" (1.59)	e 1-14 1-16							140	400	522	367	144	1389	
E. H. Christensen and Sons	" (1.32)	1-16							449	480	524	527	235		
E. H. Christensen and Sons	" (1.45)	f 1-8 1-14										29		1	
E. H. Christensen and Sons	" (1.75)	2-16	38	2					501	440	445			301	
E. H. Christensen	" (2.8)	1-12	8							15	14			46	
E. H. Christensen	" (3.5)	1-18	185						-88	616	640	539		122	
Oji Brothers	" (3.6)	1-10							42	42	17			1	
E. H. Christensen	" (3.6)	f 1-8 1-12							55	40	11	68	490		
E. H. Christensen	" (3.9)	1-12	5							48	17	69	32	1	
E. H. Christensen	" (4.1)	f 1-8 1-16								88	40	100	100	343	
E. H. Christensen	" (4.29)	1-16								99	134	110	99	100	
Oji Brothers	" (4.29)	1-10								35	40	49		120	
E. H. Christensen	" (4.4)	1-12								4	4	7		82	
Rai Brothers	" (4.3)	f 1-8 1-12									34	36		11	
E. H. Christensen	" (4.53)	1-16	52								75	117	110		
E. H. Christensen	" (4.35)	1-18							1	24	264		13		
Agrivest Corporation	b 1.5N	g 2-5 1-16		44					120	160	62	15		0	
Agrivest Corporation	b 2.9N	1-14									23	19	3	3	
Neal Westrop	b 4.0N	1-14 1-16									43			403	
--STATE HIGHWAY 113 CAUSEWAY--	4.3N														

TABLE B-7 (Cont.).

DIVERSIONS - SUTTER BYPASS AND SACRAMENTO SLOUGH (contd.)
October 1966 through September 1967

WATER USER	MILE AND BANK	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET											TOTAL DIVER- SION OCT.-S- ACRE-F	
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
Neal Westrope	b 4.5N	1-14													84
Frank Guistl	b 5.4N	1-14	323	434	19										137
Ira Mulligan	b 5.7N	1-16													9
Lucille Orrick	b 5.9N	1-14													25
J. Etcheverry	5.91N	1-14													3
O. O. Orrick	b 6.9N	1-10 1-16	92	26											6
Ira Mulligan	7.1N	1-16													4
--GILSIZER SLOUGH--	8.0N														
Neal Westrope	b 8.0N(0.45)	1-16	216	255											5
Crepps and Middleton	b 8.4N	1-16	290	13											5
Crepps and Middleton	b h 9.4N	1-15	155	27											10
Crepps and Middleton	b 10.0N	1-16													
--RECLAMATION BOARD DRAINAGE PLANT #2--	10.0N														
Crepps and Middleton	1 " (0.3)	1-12													11
Dettling Brothers	1 " (0.9)	1-20	3												
Dettling Brothers	1 " (1.8)	1-16	90	107	175										10
Federal Fish and Wildlife Service	1 " (1.99)	1-16	200	303											5
Sutter Extension Water District	1 " (2.0)	1-20 1-30	392	4	794	182									128
Ira Mulligan 1	" (2.3)	1-10													130
Ira Mulligan 1	" (2.5)	1-16													10
Bridge Investment Company 1	" (2.6)	1-16	238												80
Bridge Investment Company 1	" (2.65)	1-14 1-20	111	220	188										13
Bridge Investment Company 1	" (3.0)	1-12													30
Bridge Investment Company 1 k	" (3.7)	1-20													140
Percy Davis m	" (4.5)	1-12													80
J. Etcheverry l k	" (4.6)	1-10													103
Ira Mulligan l n	" (4.8)	1-12													10
Sutter Extension Water District "	" (6.7)	1-20													80
Crepps and Middleton	b 10.1N(0.1)	1-16													125
Crepps and Middleton	b 10.1N(0.5)	2-16	441	469											124
Federal Fish and Wildlife Service	b 11.5N	1-12	74												7
Federal Fish and Wildlife Service	b 16.3N	Gravity	1770	1880	198										1215
R. A. Schnabel	b 16.4N	1-8	9	6											12
--WADSWORTH CANAL--	16.5N														
R. A. Schnabel	" (1.0L)	1-16													260
Fred S. Betty	" (1.0R)	1-10													
--STAGE STATION - WADSWORTH CANAL NEAR SUTTER (LOWER STATION)--	" (1.05#)														
H. D. Brown and A. H. Muns	" (1.35R)	1-16 1-20													332
Vesper Kellogg	" (1.5L)	1-14	52	30											134
Albert Thomassen	" (1.7R)	1-16													
--STATE HIGHWAY 20 BRIDGE--	" (2.0)														
--GAGING STATION - WADSWORTH CANAL NEAR SUTTER (UPPER STATION)--	" (2.45#)														
Epperson, Kennedy, and Joaquin	" (2.5R)	1-10													
Clara Farrington	" (2.51R)	1-10													205
Youlli Joaquin	" (3.0L)	1-14													74
Gerald F. Raub	" (3.6R)	1-16													42
--RECLAMATION BOARD DRAINAGE PLANT #3--	16.7N														115

TABLE B-7 (Cont.)

DIVERSIONS - SUTTER BYPASS AND SACRAMENTO SLOUGH (contd.)
October 1966 through September 1967

WATER USER	MILE AND BANK	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET											TOTAL DIVERSION OCT.-SEPT. ACRE-FEET	
			DCT.	NOV.	OEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
Fred S. Betty	" (0.9)	1-8								18	38	6	28	24	114
Fred S. Betty	" (1.0)	1-10	29							41	52	49	68	36	275
Fred S. Betty	" (1.2)	1-10								52	150	153	157	65	577
Fred S. Betty	" (1.3)	1-8 1-14										28			28
Fred S. Betty	" (1.4)	1-12								170	253	268	277	128	1096
Mrs. H.C. and C.H. Epperson	" (1.49)	1-10									47	191	104		342
Mrs. H.C. and C.H. Epperson	" (1.5)	2-12								369	477	591	627	264	2327
T. Bihlman	" (1.85)	1-14								171	339	299	303	104	1216
Robert Stohlman	" (2.0)	e 1-14 1-16								439	330	482	528	246	2025
Mra. H.C. and C.H. Epperson	" (2.65)	1-8													
Elden Tarke	" (3.0)	1-14 1-16								196	291	320	314		1121
Robert Stohlman	" (3.0)	1-18													
William Pendola	" (3.55)	1-12 1-14	27	5						22	68	93	146	69	430
Edward Dean	b 16.7N	1-12	86	42							25	58	67	47	325
Edward Dean	b 16.75N	2-14									50	403	400	80	933
Epperson, Meyer, DeWitt, and Middleton	19.1N	1-12													
Kermit Tarke	b 19.5N (0.1)	1-10													
T. S. Madden	19.9N	1-16								189	349	394	390	134	1456
--STATE HIGHWAY 20 BRIDGE--	19.98N														
--SACRAMENTO NORTHERN RAILROAD BRIDGE--	20.0N														
University of the Pacific	b 0.9L	1-14												154	154
SUTTER BYPASS AND SACRAMENTO SLOUGH															
Total			5219	3648	1706	185	0	2	3	14394	19670	27806	31990	11760	116383
Average cubic feet per second			85	61	28	3	0	0	0	234	331	452	520	198	161
Monthly use in percent of seasonal			4.5	3.1	1.5	0.2	0.0	0.0	0.0	12.3	16.9	29.9	27.5	10.1	

- * Mileages on West Borrow Pit are given northerly from drain plant of Reclamation District 1500. Mile 9.15 on West Borrow Pit is opposite Chandler.
- ** Mileages on East Borrow Pit are given northerly or southerly from Chandler.
- ** Plant is on main drain canal for Drainage Plant No. 1 that joins East Borrow Pit of Sutter Bypass at Mile 1.4N. Figure in parentheses indicates distance along drain from East Borrow Pit.
- x Plant is on drainage canal for Drainage Plant No. 2 that joins East Borrow Pit of Sutter Bypass at Mile 10.0N. Figure in parentheses indicates distance along drain from East Borrow Pit.
- v Plant is on Wadsworth Canal that joins East Borrow Pit of Sutter Bypass at Mile 16.5N. Figure in parentheses indicates distance along canal from East Borrow Pit.
- o Plant is on Poodle Creek that joins East Borrow Pit of Sutter Bypass at Mile 16.7N. Figure in parentheses indicates distance along creek from East Borrow Pit.

- # Station located on bridge at or near center of stream.
- a Water used for irrigation in Sutter Bypass is mainly Feather River return water which enters East and West Borrow Pits via Butte Creek, Butte Slough, and Wadsworth Canal.
- b Indicates area irrigated is within Bypass.
- c Previously listed as Mile 8.0R.
- d Temporary installation for 1967.
- e The 14" unit was a temporary installation during 1967.
- f The 8" unit was a temporary installation during 1967.
- g The two 3" units were temporary installations during 1967.
- h Plant moved from Mile 9.99N in 1967.
- i This diversion will not be measured after this irrigation season, due to a cutback in the diversion program.
- j A 20" unit was removed in 1967.
- k New installation in 1967.
- m This diversion dropped as of October 1966.
- n Installed prior to 1967, not previously listed.

TABLE B-7 (Cont.)

DIVERSIONS - FEATHER RIVER
October 1966 through September 1967

WATER USER	MILE AND BANK above Mouth	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET												TOTAL DIVERSI- OCT-SE- ACRE-FE	
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.		
Kate and Walter Raymond Estate	a 0.6R	1-20													236	2
Kate and Walter Raymond Estate	a 1.0R	1-18													106	1
Kirtland Brothers	1.1L	1-12	82												377	105
William Baird	1.5R	1-12													20	.
A. H. Bergen	2.2L	1-18													378	120
Kate and Walter Raymond Estate	a 2.6R	2-20													120	4
Lingge-Elliott Ranch	2.6L	1-12													254	123
Kate and Walter Raymond Estate	a 4.0R	1-16													49	17
Mrs. Aileen Marty	4.55L	1-18													474	27,
C. Fred Holmes, Jr.	4.9R	1-16														
D. R. Toledo and Son	5.2L	1-12	32	3											10	21
C. Fred Holmes, Jr.	5.4R	1-16														
White Oak Ranch	5.6L	1-14 1-16	154													26,
A. F. Haymore	6.44L	1-10	19												12	3
M. Scheiber	7.2L	1-18													284	39
--NICOLAUS BRIDGE--	9.2															
--GAGING STATION - FEATHER RIVER AT NICOLAUS--	9.2L															
Leo Muller	9.25L	1-8	17												19	15
Hamatani Brothers	9.75R	1-20 1-30													1690	67
--BEAR RIVER--	12.0L															
Garden Highway Mutual Water Company	13.1R	2-20 1-24	287												3430	617
George Taylor	15.2R	1-10													31	1
Feather Water District c	15.2R	3-14													324	3
Plumas Mutual Water Company	17.5L	2-18	600												1970	90
Tudor Mutual Water Company	18.4R	2-30 1-35	76												1340	391
Leo Gildersleeve	18.4R	1-18													54	16
C. E. Sullivan	18.6R	1-8														
C. E. Sullivan	19.0R	1-8													47	4
C. E. Sullivan	19.1R	1-10													171	1
C. E. Sullivan	19.3R	1-8													134	46
C. E. Sullivan	19.8R	1-3														
C. E. Sullivan	20.0R	1-2														
C. E. Sullivan	20.4R	1-14													104	41
Feather Water District c	20.4R	4-26													3187	34
Oswald Water District	21.4R	3-16	441												634	41
Ol Giorgi Fruit Corporation	21.9L	1-4														1
--GAGING STATION - FEATHER RIVER BELOW SHANGHAI BEND--	23.0R															
S & S Land Company	26.3L	1-5													131	4
R. R. Wilbur Estate d	26.8L	1-10													119	9
--YUBA RIVER--	27.3L															
--GAGING STATION - FEATHER RIVER AT YUBA CITY--	28.0#															
--5TH STREET BRIDGE--	28.0															
--10TH STREET HIGHWAY BRIDGE--	28.1															
Feather River Ranch	30.9R	1-12													70	
J. R. Wilbur Estate d	31.6R	1-1													70	
R. R. Wilbur Estate d	32.3R	1-10													90	
G. D. Prindiville	33.5R	1-11													80	
Mathews, et al	34.9R	1-8 1-10													116	1
Jutter Extension Water District	34.1R	1-5C 1-4B 1-4B													100	46
La Finca Orchard	38.5L	1-5														

TABLE B-7 (Cont.)

DIVERSIONS - FEATHER RIVER (contd.)
October 1966 through September 1967

WATER USER	MILE AND BANK above Mouth	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET											TOTAL DIVERSION DCT.-SEPT. ACRE-FEET	
			DCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.		
Mathews, et al	39.4L	1-3 1-9									34	36		70	
Fred A. Shaeffer, Jr.	42.1L	1-10									45	116		161	
Libby, McNeil and Libby	43.5L	1-4									8	71	26	105	
--HONCUT CREEK--	43.7L														
Mathews, et al	*(0.4L)	1-18									39	153	496	304	
Matsumura Brothers	*(1.2L)	1-8													
Niel Denny	*(1.21L)	1-8													
W. L. Robbins, Jr.	46.4R	1-6													
Manuel Aguilar	47.9L	1-12	93											575	
M. E. Biggs	48.0L	1-7												e	
M. E. Biggs	48.3L	1-10												e	
Roy Mathews f	48.9R	1-3									9	7	14	12	
Bowers Ranch	49.0L	1-8									12	35	73	23	
--GRIDLEY BRIDGE--	49.6														
--GAGING STATION - FEATHER RIVER NEAR GRIDLEY--	49.7R														
Roy Mathews	49.7L	g 1-3												48	
Robinson Estate	50.4L	1-12	133								106	156	108	166	
Pedroza Brothers	50.7L	1-6									8	15	18	25	
Wendell A. Dewanup	52.1L	1-10									3	107	238	338	
Mart Butler	52.5L	1-7										24	41	64	
Moe Fruftman	52.7L	1-8										43	44		
Carl Lee Walker	53.3L	1-6												87	
L. & M. Ranches, Inc.	53.31L	1-2	5	1								7	8	8	
L. G. Curtino h	53.32L	1-3										4	3		
Henry Haselbusch	57.9L	1-9										11	65	11	
--JOINT WATER DISTRICT DAM--	57.9													87	
Joint Water District	58.1R	Gravity	23028	5014							4368	4867	89454	96116	
--WESTERN CANAL COMPANY DAM--	61.1													111598	
Western Canal Company	61.2R	Gravity	9900	22							19270	27700	40453	38790	
--OROVILLE-RICHVALE HIGHWAY BRIDGE--	62.6														
--STATE HIGHWAY 70 BRIDGE--	63.8														
--OROVILLE-CHICO HIGHWAY BRIDGE--	65.0														
--FEATHER RIVER FISH BARRIER DAM--	65.2														
-GAGING STATION - FEATHER RIVER AT OROVILLE--	66.3R														
FEATHER RIVER total average cubic feet per second monthly use in percent of seasonal			34860 567 4.8	5040 85 0.7	0 0 0.0	0 0 0.0	0 0 0.0	4432 72 0.6	4944 83 0.7	119132 1937 16.5	137583 2309 19.0	17711 2880 24.5	16282 2646 22.6	76154 1280 10.6	721864 997

Plant diverts Feather River water backed into Honcut Creek. Distance from Feather River and bank is shown in parentheses. Station located on bridge at or near center of stream. Formerly listed as Walter Raymond. Includes an undetermined amount of spill. Record for October and the period April through September furnished by the U. S. Bureau of Reclamation.

d Formerly listed as Richard Wilbur.

e Insufficient data to compute.

f New installation.

g 1-6" pump removed.

h Formerly listed as L & M Ranches, Inc.

TABLE B-7 (Cont.)

DIVERSTIONS - YUBA RIVER
October 1966 through September 1967

WATER USER	MILE AND BANK above "D" Street	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET												TOTAL DIVERSION OCT.-SEPT. ACRE-FEET
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
--HIGHWAY 99E BRIDGE--	0.0														
Quinco Corporation	0.9L	1-6 1-12										35	191		a 226
--SIMPSON LANE BRIDGE--	0.9														
Ben Williams	1.4R	1-6													
John Schmidl b	1.7R	1-6										19	41	33	25 118
Quinco Corporation	3.0L	1-12										71	281	118	9 522
L. E. Davia c	3.1R	1-10										11	9	13	33
R. R. Wilbur Estate d	4.1L	1-10 1-12 1-14										332	673	252	1401
Di Giorgio Fruit Corporation	4.75L	1-8										2	42		44
Di Giorgio Fruit Corporation	5.15L	1-6										38			38
--GAGING STATION - YUBA RIVER NEAR MARYSVILLE--	5.2L														
Di Giorgio Fruit Corporation	6.2L	1-8										12	109	35	156
--DAGUERRE POINT DAM--	11.0														
Hallwood Irrigation Company	11.0R	Gravity	7060	4190	3520	434	0	451	2620	13000	15400	17000	18300	9120	91095
Cordua Irrigation District	11.0R	Gravity	8900	7570	7170	893	0	55	217	9260	10400	12800	13300	6600	77165
Browns Valley Irrigation District	11.7R	1-12 1-16	23									88	122	105	116 a 454
--DRY CREEK--	13.2R														
Yuba Consolidated Gold Field Company	14.5L	Gravity						NON	AGRICULTURAL	USE					
--HIGHWAY 20 BRIDGE--	17.1														
--DEER CREEK--	21.8L														
--ENGLEBRIGHT DAM--	22.8														
<u>YUBA RIVER</u>															
Total			15983 260 9.9	11760 198 6.9	10690 174 6.2	1327 22 0.8	0 0 0.0	531 9 0.5	2999 50 1.7	22260 362 15.0	26359 443 15.4	31308 509 16.3	32159 523 16.8	15887 267 9.3	171263 237
Average cubic feet per second															
Monthly use in percent of seasonal															

a Includes an undetermined amount of spill.

b New installation in 1967.

c Formerly listed as G. D. Lolmaugh.

d Formerly listed as Richard Wilbur.

TABLE B-7 (Cont.)

DIVERSTIONS - BEAR RIVER
October 1966 through September 1967

WATER USER	MILE AND BANK above Mouth	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET												TOTAL DIVERSION OCT.-SEPT. ACRE-FEET
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
--MARYSVILLE-NICOLAUS COUNTY ROAD BRIDGE--	2.7														
--DRY CREEK--	4.5R														
--TROWBRIDGE-WHEATLAND COUNTY ROAD BRIDGE--	6.8														
California Packing Corporation	9.0L	1-8													
California Packing Corporation	10.7L	1-10													
--GAGING STATION - BEAR RIVER NEAR WHEATLAND--	11.3R														
--HIGHWAY 99E BRIDGE--	11.3														
<u>BEAR RIVER</u>															
Total			0 0 0.0	0 0 0.0	0 0 0.0	0 0 0.0	0 0 0.0	0 0 0.0	0 0 0.0	0 0 0.0	0 0 0.0	147 2 56.8	93 2 35.9	19 0 7.3	259 0
Average cubic feet per second															
Monthly use in percent of seasonal															

TABLE B-7 (Cont.)

DIVERSIONS - AMERICAN RIVER
October 1966 through September 1967

WATER USER	MILE AND BANK above Mouth	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET												TOTAL DIVERSION OCT.-SEPT. ACRE-FEET
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
--GARDEN HIGHWAY BRIDGE--	0.2														
--HIGHWAY 40 and 99E BRIDGE (16th Street)--	1.9														
North Sacramento Land Company	2.75R	1-8	2	2										27	31
--SOUTHERN PACIFIC RAILROAD BRIDGE--	3.0														
--ELVAS FREEWAY BRIDGE--	3.2														
--STAGE STATION - AMERICAN RIVER AT SACRAMENTO (H Street)--	6.0#														
City of Sacramento	6.9L	1-20 1-24 1-30 2-36	2830	1850	-1780	1770	1670	1880	1780	3050	3120	4170	4230	3680	31810
E. Clemens Horst Company	7.5R	1-8													
--WATT AVENUE BRIDGE--	8.8														
Walter J. Wissemann	9.0L	1-6													
J. C. and F. F. Dauenhauer	9.2L	1-4													
Gold Nugget Orchard Company	10.4R	1-5													
Richard Oki a	11.2L	1-4	6	1									6	8	5
Miller & Associates b	11.35L	1-4		12									21	35	27
Riverview Enterprises	11.7L	1-4											2	16	18
Natomas Company	14.3L	1-4 1-6											118	77	123
Carmichael Irrigation District	14.76R	1-10 2-12	164	150									3	193	323
Natomas Company	15.5L	1-6											35	74	61
Carmichael Irrigation District	16.0R	4-10 4-12 1-14	873	588	157	184	154	182	191	301	737	1168	1089	1014	6638
--FAIR OAKS BRIDGE--	19.0														
--BRIDGE STREET BRIDGE (OLD FAIR OAKS BRIDGE)--	19.2														
--GAGING STATION - AMERICAN RIVER AT FAIR OAKS--	21.4R														
AMERICAN RIVER			3887 63 9.6	2591 44 6.4	1937 32 4.8	1954 32 4.8	1824 33 4.5	2062 34 5.1	1971 33 4.8	3365 55 8.3	4203 71 10.3	5841 95 14.4	5888 96 14.5	5081 85 12.5	40604 56

Station located on bridge near left bank.

a Formerly listed as Mucke Sand and Gravel Company.

b Plant moved from Mile 11.5L.

TABLE B-7 (Cont.)

DIVERSIONS - PUTAH CREEK*
October 1966 through September 1967

WATER USER	MILE AND BANK above Mouth	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET												TOTAL DIVERSION OCT.-SEPT. ACRE-FEET
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
T. S. Glide	0.8L	a 1-14													
Cowell Foundation b	1.3R	1-12													412
Cowell Foundation	1.6R	1-12													158
Mary Jane Hamel Estate	2.7R	a 1-10 a 1-16													149
Mary Jane Hamel Estate	2.8L	a 1-8 a 1-16													99
Dow Chemical Company	2.85R	c 1-4													
Dow Chemical Company	2.9R	c 1-4													
Dow Chemical Company	3.5R	c 1-4													
Dow Chemical Company	3.7R	c 1-4													
--COUNTY LINE ROAD BRIDGE--	3.8														

TABLE B-7 (Cont.)

DIVERSIONS - PUTAH CREEK* (contd.)
October 1966 through September 1967

WATER USER	MILE AND BANK above Mouth	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET											TOTAL DIVERSION OCT.-SEPT. ACRE-FEET	
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
W. E. Hansen	3.8R	a 1-6								NO DIVERSION					
W. E. Hansen	4.3L	1-8									83	67	87	35	
W. B. & P. W. Schoeninger d	4.8R	1-15									51	57	89	76	
--GAGING STATION - SOUTH FORK PUTAH CREEK NEAR DAVIS--	7.2#														
--PLAINFIELD ROAD BRIDGE--	10.0														
J. R. and Cornelius S. Phillips	11.9R	a 1-4								NO DIVERSION					
J. R. and Cornelius S. Phillips	12.65R	1-6													
--GAGING STATION - PUTAH CREEK ABOVE DAVIS--	12.8#														
--STEVENSON ROAD BRIDGE--	12.8														
B. S. Wolfe, Jr.	13.1L	1-5								NO DIVERSION					
W. Lider	13.3L	1-1½										1	1	2	2
Fentzling Ranch	13.9L	1-7								NO DIVERSION					6
--GAGING STATION - PUTAH CREEK BELOW WINTERS (HOYCE ORCHARO)--	17.0R														
Syvind M. Feye	17.1R	1-6													
A. C. A. Orchards	19.5L	1-4										1	10	2	5
--SOUTHERN PACIFIC RAILROAD BRIDGE--	19.9														18
--COUNTY ROAD BRIDGE--	19.9														
Alfred Mamas	20.1R	a 1-5													4
H. M. Brusseau	20.9R	1-1½								NO DIVERSION					
--PUTAH DIVERSION DAM--	22.6														
--PUTAH SOUTH CANAL--	22.6R														
W. Tufts	22.85L	1-6									3	1	4	10	9
Jack and Grace Fay	24.0R	1-3										4	3		11
--COUNTY ROAD BRIDGE--	24.0														
Steve Swan	24.0L	1-2								NO DIVERSION					
Hugh Goddard	24.9R	1-3	29	3							14	10	26	30	35
Hugh Goddard	25.2R	1-2½	9								5	8	6	6	51
Mrs. Dorothy Adams and Hanford B. Sackett	25.6R	e 1-3										2	9		11
Mrs. Dorothy Adams and Hanford B. Sackett	25.8R	e 1-3											4		4
--GAGING STATION - PUTAH CREEK NEAR WINTERS--	27.8L														
Samuel S. Silvey	28.6L	1-1	1												
Samuel S. Silvey	28.7L	1-2½								NO DIVERSION					
Samuel S. Silvey	28.75L	1-1½								NO DIVERSION					
--HIGHWAY 128 BRIDGE--	28.8														
Samuel S. Silvey	28.9L	1-2½								NO DIVERSION					
Samuel S. Silvey	29.0R	1-1								NO DIVERSION					
--MONTICELLO DAM--	29.3														
PUTAH CREEK															
Total			9	1	L	0	0	0	1	0	18	7	6	466	1
Average cubic feet per second			32	1	0.0	0.0	0.0	0.0	0.0	0.0	10.0	1.7	35.4	25.0	186
Monthly use in percent of seasonal															

* Diversions below the gaging station at Mile 7...
(SF Putah Creek near Davis) are considered as
Delta Uplands Diversion.# Station located on bridge at or near center of stream.
a This is a portable unit.b New installation in 1967.
c Portable unit used at mile 1 indicated.

d New installation in 1966.

e Portable unit used at Miles 25.6R and 25.8H.

f Domestic use only.

TABLE B-7 (Cont.)

DIVERSIONS - DELTA UPLANDS
 (Old River, Tom Paine Slough, and French Camp Slough)
 October 1966 through September 1967

WATER USER	MILE AND BANK	NUMBER OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET											TOTAL DIVERSION OCT.-SEPT. ACRE-FEET	
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
<u>OLD RIVER</u>	*														
--CONTRA COSTA CANAL--	30.5L														
John A. Bettencourt a	30.5L	1-18	122	9						113	26	292	232	224	1218
Peter Combeta b	36.5L	2-6	28	2	1					15	48	48	43	40	225
East Contra Costa Irrigation District	36.5L	1-18 3-24 2-30	1070	30						1670	6150	6870	8150	3860	27800
--STATE HIGHWAY 4 BRIDGE--	38.8														
Byron-Bethany Irrigation c District	40.9L	1-20 1-24 2-30	2370							3650	7830	9240	9740	5990	38820
--STAGE STATION - OLD RIVER AT CLIFTON COURT FERRY--	44.0L														
--DELTA MENDOTA CANAL--	44.6L														
M. R. Furtado d	44.6L	1-14	20							96	345	395	379	256	1491
Al Sutorno	44.7L	1-8	16							15	24	33	38	35	161
William M. Ralph	45.3L	1-12	86							230	237	324	327	204	1398
Bankhead Enterprises e	47.2L	1-16	120										39	133	292
Lucio J. Costa e	47.2L	1-14	44	8						25	29	420	346	2	874
Johnnie L. Costa d	47.65L	1-8								56	37	69	72	37	271
West Side Irrigation d District	47.65L	1-10 7-15 1-18	1620					62		4850	5730	6180	6220	4440	29102
Vance Brown	48.4L	1-12	58							69	68	93	59	78	425
Naglee Burke Irrigation District	48.6L	1-14							11	87	41	68	35		242
Salles Brothers	49.5L	1-4								2	1	2	2	1	8
Naglee Burke Irrigation District	50.1L	1-18	17							467	448	568	607	396	2505
Maglee Burke Irrigation District	50.4L	1-16 1-18	456	23	28	28	16	18	30	1050	1480	1520	1940	1070	7659
Fremont Irrigation Association	50.9L	1-16	7				86	95		263	231	326	346	121	1482
Joe M. Freitas	51.0L	g 1-10									10	26	30		75
Arthur Casserini	51.2L	1-10							14	14	9	29	17		83
E. Platti, J. Goulardt, T. Silveira, and A. Galli	51.4L	1-10								40	10	25	13	4	102
--TRACY ROAD BRIDGE--	52.8														
--STAGE STATION - OLD RIVER NEAR TRACY ROAD BRIDGE--	52.8R														
A. L. Galli	53.0L	1-8					29						19		48
--MOUTH OF TOM PAINE SLOUGH--	54.3L														
<u>OLD RIVER</u>															
Total Average cubic feet per second		6034 98	72 1	10 0	14 2	111 2	94 2	41 1	12713 207	22950 386	26522 431	28649 466	16953 284	114281 158	
<u>TOM PAINE SLOUGH</u>	**														
Independent Mutual Water Corporation and Company	0.78	2-18	7	57						747	377	70	61	17	2707
Independent Mutual Water Corporation and Company	1.5C	1-18		15	36	25				179	95	214	213	47	839
--HOLLY SUGAR CORPORATION DREDGER CUT--	2.1S														
George J. Lake	0 (.5W)	1-10		102	124		5	46	149	16	36	176			1130
Holly Sugar Corporation	0 (1.2W)	1-14		6	3	16	31	6		38	20	3			308
Holly Sugar Corporation	0 (1.35W)	1-12		312	93	10	177	104	322	120	314	312	312		2162
--STAGE STATION - TOM PAINE SLOUGH ABOVE MOUTH--	2.2S														
--MACARTHUR DRIVE BRIDGE--	2.7														
Pescadero Reclamation District 2058 (#1)	2.9S	1-10	16				43	15		100	176	111	48	14c	950

TABLE B-7 (Cont.)

DIVERSIONS - DELTA UPLANDS
 (Old River, Tom Paine Slough, and French Camp Slough) (contd.)
 October 1966 through September 1967

WATER USER	MILE AND BANK	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET												TOTAL DIVERS OCT-SI ACRE-F
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
<u>TOM PAINE SLOUGH (contd.)</u>															
--LAUREL AVENUE BRIDGE--	3.7														
Frank Bastian	4.38	1-8													
-- PARADISE ROAD BRIDGE--	6.0														
Pescadero Reclamation District	6.38	1-14 1-16 1-20	526												
2058 (#3)															
--MAPLE AVENUE BRIDGE--	7.0														
Pescadero Reclamation District	8.38	1-12	2												
2058 (#5)															
--CALIFORNIA AVENUE BRIDGE--	8.8														
Pescadero Reclamation District	9.0N	1-16 1-18	60												
2058 (#6)															
<u>TOM PAINE SLOUGH</u>															
Total			999	516	249	26	89	393	246	3956	3892	4587	4725	2839	222
Average cubic feet per second			16	9	4		2	6	4	64	65	75	77	48	
<u>FRENCH CAMP SLOUGH</u>															

Carolyn Weston	1.05L	1-12													
Carolyn Weston	1.4L	1-7													
Carolyn Weston	1.45L	1-6	2												
--FRENCH CAMP TURNPIKE--	2.0														
Frank West	2.2L	1-10	11												
Manuel E. Granados	2.3R	1-3													
Robert L. Bordenave	2.8R	1-8													
Frank West	3.0L	1-10	38	14											
Tom Gomes	3.3L	1-5													
Tom Gomes	3.4L	1-4													
--U. S. 50 HIGHWAY BRIDGE--	3.45														
--SOUTHERN PACIFIC RAILROAD BRIDGE--	3.6														
Milton G. Boege	3.8L	1-8													
Robert L. Bordenave	3.8R	1-12													
--WESTERN PACIFIC RAILROAD BRIDGE--	4.1														
--GAGING STATION - FRENCH CAMP SLOUGH NEAR FRENCH CAMP--	5.4#														
<u>FRENCH CAMP SLOUGH</u>															
Total			51	14	0	0	0	0	0	330	483	633	509	326	21
Average cubic feet per second			1	0	0	0	0	0	0	5	8	10	8	5	

* Mileage along Old River from mouth of San Joaquin River 4½ miles below Antioch.

** Mileage along Tom Paine Slough from its mouth at Mile 54.3L on Old River.

*** Mile and bank above mouth.

Holly Sugar Corporation dredger cut joins Tom Paine Slough at Mile 2.1S. Distance along dredger cut and bank is shown in parentheses.

Station located on bridge at or near center of stream. Rock Slough joins Old River at Mile 30.5L. Pumping plant is located on intake canal which joins Rock Slough.

b Indian Slough joins Old River at Mile 36.5L. Pumping plant is located on intake canal which joins Indian Slough.

c Italian Slough joins Old River at Mile 40.9L. Pumping plant is located on intake canal which joins Italian Slough.

d Plant is located on intake canal which joins Old River at this mile.

e Plant is located on Mountain House Creek which joins Old River at this mile.

f Industrial use only.

g Includes an undetermined amount of spill to the river.

TABLE B-7 (Cont.)

DIVERSIONS - DELTA UPLANDS
 (San Joaquin River - Stockton to Vernalis)
 October 1966 through September 1967

WATER USER	MILE AND BANK *	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET											TOTAL DIVERSION OCT.-SEPT. ACRE-FEET		
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.		
--STATE HIGHWAY 4 BRIDGE--	45.3															
--FRENCH CAMP SLOUGH--	46.1R															
Carolyn Weston	46.2R	1-7	2									25	32		59	
Carolyn Weston	46.3R	1-12	12									16	47	32	107	
Bob Blewett	46.65R	1-10										29	27	19	120	
Frank West	46.85R	1-10														
F. Asano	47.2R	1-6	1									23	12	14	71	
Gertrude La Baume	47.3R	1-10										34	27	32	157	
C. C. Long	47.55R	1-10	2									118	156	164	638	
Waldo C. Haack	48.0R	1-14										39			39	
Waldo C. Haack	48.1R	1-14	21	9								99	154	130	1111	
Chow L. Young	48.3R	1-6											8	10	25	
Joe Calcagno	48.5R	1-8										47	1	43	163	
C. J. Fregno	48.55R	1-6														
John Calcagno	48.66R	1-12	38	1								66	33	19	415	
Alfred Rodgers	49.0R	1-12	69									7	61	84	378	
Ray Muller	49.3R	1-14										133	26	208	641	
Ray Muller	49.5R	1-12	5									11	96	95	246	
A. A. Rodgers	50.1R	1-10										44	18	30	187	
--STAGE STATION - SAN JOAQUIN RIVER AT BRANDT BRIDGE--	50.2#															
A. Hirata	50.4R	1-10										30	29	86	212	
R., K., and B. Watanabe	50.6R	1-6										3	38	13	99	
D. Toscano	50.8R	1-6										28	12	19	79	
Pastorino Brothers	50.9R	1-12										36	57	14	421	
Irvan Muller	51.2R	1-12											60	14	153	
W. B. Herbert and Y. B. Lawrence	51.6R	1-10											8	59	67	
A. McNamara, K. McNamara and Betty French	52.4R	1-5											8	5	17	
E. P. Walla	52.65R	1-10												1	95	
J. Widmer	53.2R	1-16	31									141	219	313	a 1237	
J. Widmer	53.45R	1-12										16	20	19	105	
Julio Lorenzo	53.5R	1-8	13									10	13	26	103	
John Caparra	53.6R	1-4	5									8	3	5	32	
J. Romo and B. Andaya	53.7R	1-14	86									76	74	206	717	
I. N. Robinson, Jr.	53.8R	1-14	98									62	165	248	868	
H. N. Hansen, H. C. Hansen and William Giger	54.9R	1-8	144	20								154	188	150	1052	
--JUNCTION WITH OLD RIVER--	56.2L															
Oakwood Stock Farm	57.0R	1-14	121										277	224	371	1086
Ernest Wennhold and Roy Tholke	57.15R	1-7														
Vernon Ratto	57.39R	1-8	1											40	38	
Andrew B. Calori	57.45R	1-6												5	44	
G. Gardella	57.5R	1-4										5	11	7	42	
A. Queirolo	58.6R	1-4													8	
Tony Mauro	58.7R	1-6														
--SOUTHERN PACIFIC RAILROAD BRIDGE--	58.8															
--STAGE STATION - SAN JOAQUIN RIVER AT MOSSDALE BRIDGE--	58.9R															
--U. S. 50 HIGHWAY BRIDGE--	58.9															

TABLE B-7 (Cont.)

DIVERSIONS - DELTA UPLANDS
(San Joaquin River - Stockton to Vernalis) (contd.)
October 1966 through September 1967

WATER USER	MILE AND BANK *	NUMBER OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET												TOTAL DIVERSION OCT.-SEPT. ACRE-FEET		
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.			
Libby, Owens, and Ford	59.25R	1-6								NO DIVERSION							
R. H. Brown	59.3R	1-18	82							41	219	242	278	226	108		
Eugene J. Rossi, et al	59.5L	1-14	36						9	92	24	79	93	34	36		
--WESTERN PACIFIC RAILROAD BRIDGE--	59.5																
R. H. Brown	b 60.1R	1-6	5														
G. M. Baird	b 60.1R	1-16	98							435	174	273	225	151	135		
A. F. Windeler	60.5L	1-16								54	71	84	171	100	48		
E. Picchi and Son	60.8R	1-8				10			19	1	37	29	31		18		
E. Picchi and Son	61.4R	1-12				131					32	40	188	21	41		
Lester Bishofberger	62.0R	1-8															
Bernice Von Sosten	62.0L	1-12								157	136	190	201	93	77		
--PARADISE DAM (HEAD OF PARADISE CUT)--	62.2L																
Paradise Mutual Water Company	c 62.2L	1-14 1-20	79							61	20	265	493	416	438	585	235
G. Eldon Everett	63.3L	2-20	91							215	139	846	565	863	870	793	458
State of California	63.3L	1-14									251	131	397	607	233	161	
H. H. Grimes	63.6R	1-12				179										17	
G. Eldon Everett	63.7L	1-10	26											32	30	8	
Alexander Hildebrand	d 66.0R	1-14	30							21						12	
Johnnie J. Silva	66.7L	1-16								8	1			146	60	20	
K-C Ranch	66.8R	1-16	119											89		21	
Banta Carbona Irrigation District	67.5L	2-10 2-16 2-20 3-24 1-36	1760	45						1770	423	6610	7450	8080	8370	3500	3820
John Reamers	68.2R	1-10												104	72	17	
John Reamers e	68.4R	1-14												12	26	3	
San Joaquin River Water Users Company	69.5R	1-16	45											181	271	49	
Glenn M. West Estate	70.0L	1-10	50	1						63	82	38	101	64	131	108	63
San Joaquin River Water Users Company	71.0R	2-16	290	11	3	5				35	34	323	221	509	672	533	263
E. Filippini	71.0R	1-4														1	
A. J. Cardoza & Son	71.75R	1-16	19														
Navarra Bros. River Ranch	71.9L	1-12								45	9			117	97	116	38
A. J. Cardoza & Son	72.1R	1-10															
Robertson and Sons e	73.0L	1-8								1	8	76	57	114	100	35	
H. J. Mortensen and Barker	73.2R	1-8 1-14		14						29	19	34	20	14	14	14	
San Joaquin River Club	74.7L	1-8															
E. A. Tassi	75.6R	1-16												35	61	78	37
SAN JOAQUIN RIVER (Stockton to Vernalis)																	
Total			339	55	287	213	177	31	2479	879	10460	11521	14269	16021	8519	6845	
Average cubic feet per second																	

* Mileage along San Joaquin River from its mouth 4½ miles below Antioch.

Station located on bridge at or near center of stream.

a Includes an undetermined amount of spill.

b Plant is located on Walthall Slough which joins the San Joaquin River at this mile.

c Plant is located on Paradise Cut which joins the San Joaquin River at this mile.

d Plant is located on Old Channel which joins the San Joaquin River at this mile.

e New installation in 1967.

TABLE B-7 (Cont.)

DIVERSIONS - DELTA UPLANDS
(Calaveras River*)
October 1966 through September 1967

WATER USER	MILE AND BANK above Mouth	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET											TOTAL DIVERSION OCT.-SEPT. ACRE-FEET	
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
Inman Realty Company	1.8L	1-12						NO DIVERSION							
M. Larson	2.1L	1-2													a
Clair E. Heitman	2.2L	1-4													
E. P. Woelfel	2.35L	1-3													a
Weiershauser, Ghirozo and Piccardo	2.5R	1-12						NO DIVERSION							
John Santa Maria	2.9L	1-4													
--PACIFIC AVENUE BRIDGE--	3.7														
--SOUTHERN PACIFIC RAILROAD BRIDGE--	5.3														
--STOCKTON DIVERTING CANAL--	5.4L														
Roy Moresco	5.7L	1-14						NO DIVERSION							
Claude Moresco	6.0L	1-5						NO DIVERSION							
A. Toso	6.2L	1-4								5	1	10	16	4	36
Armando Barosso	6.4R	1-7½									12	28	14	19	73
A. Toso	6.5L	1-6								5	8	14	5	32	
--U. S. 50 and 99 HIGHWAY BRIDGE--	6.8														
--CHERRYLAND ROAD DAM--	7.3														
A. Bignolo and Son	7.3L	1-12								25	52	61	81	44	263
V. C. Blakley	7.4L	1-2½									2	2	4		8
J. L. Filippella	7.6L	1-10									6	5	3		16
--CENTRAL CALIFORNIA TRACTION COMPANY RAILROAD BRIDGE--	7.9														
J. N. Sanguinetti	8.3L	1-6									8	7	7	5	27
Oneto Bros.	8.35R	1-6									30	30	35	17	112
A. V. Lagorio	8.5L	1-6									8	7	9	7	31
--GAGING STATION - CALAVERAS RIVER NEAR STOCKTON--	8.8														
CALAVERAS RIVER			0	0	0	0	0	0	0	36	121	162	186	104	609
Total Average cubic feet per second			0	0	0	0	0	0	0	1	2	3	2	8	

* Diversions below the Stockton gaging station are considered as Delta Uplands diversions. Right bank diversions below Mile 2.0 and tidal effect ceases at about Mile 5.0.

a Domestic use only. Estimated as less than one acre-foot.

TABLE B-7 (Cont.)

DIVERSIONS - DELTA UPLANDS
(McKeeumne River*)
October 1966 through September 1967

WATER USER	MILE AND BANK **	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET											TOTAL DIVERSION OCT.-SEPT. ACRE-FEET	
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
Clow and Rose	4.7R	1-12									6	105	63	96	268
--FRANKLIN-THORNTON HIGHWAY BRIDGE--	4.9														
--COSUMNES RIVER--	5.0R														
--WESTERN PACIFIC RAILROAD BRIDGE--	5.4														
Manuel Lopes	6.0R	1-10									116	159	125	107	336
Manuel Lopes	6.6R	1-12	1								2	134	125	107	265
Thornton-Fry Ranches	6.9R	1-8													
--GAIT-THORNTON HIGHWAY BRIDGE--	7.0														
Thornton-Fry Ranches	7.6R	2-12					358				244	1050	1040	980	3020

TABLE B-7 (Cont.)

DIVERSIONS - DELTA UPLANDS
(Mokelumne River*) (contd.)
October 1966 through September 1967

WATER USER	MILE AND BANK **	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET												TOTAL DIVERSION OCT-SEPT ACRE-FEET
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
Thornton-Fry Ranches	8.1R	1-12													20
Albin G. Steffan	8.7R	1-12	90	32											925
J. L. Frandy	10.4L	1-12													
Albin G. Steffan	10.6R	1-16	396	57											3297
Albin G. Steffan	12.7R	1-12	356	35											2701
Dalton Ford a	12.7L	1-6													
A. Taddei	14.2R	1-6													
C. Blattler	15.5R	1-4	5												4
A. Taddei	15.6R	1-6													12
Mrs. Rose J. Linde	16.8R	1-6													5
James Piazza	17.4R	1-6	26												14
Warren Hargrave	18.2L	1-7													50
--GAGING STATION - MOKELUMNE RIVER AT WOODBRIDGE--	19.2R														
--SACRAMENTO ROAD BRIDGE--	19.8														
--WOODBRIDGE IRRIGATION DISTRICT DAM--	19.9														
<u>MOKELUMNE RIVER</u>															
Total			874	124	0	0	358	0	0	80	1529	2946	2876	1776	1128
Average cubic feet per second			14	2	0	0	6	0	0	13	26	48	47	30	156

* Diversions below the woodbridge gaging station are considered as Delta Uplands diversions. Left bank diversion into Reclamation District 348 (below Mile 9.8) and right bank diversions into McCormack-Williamson Tract (below Mile 3.5) are not included, since these areas are considered to be within the Delta Lowlands. Tidal effect ceases at about Mile 10.5.

** Mile and bank above New Hope Bridge.

a Formerly listed as Al Sarti.

TABLE B-7 (Cont.)

DIVERSIONS - DELTA UPLANDS
(Cosumnes River*)
October 1966 through September 1967

WATER USER	MILE AND BANK above Mouth	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET												TOTAL DIVERSION OCT-SEP ACRE-FEET
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
--WESTERN PACIFIC RAILROAD BRIDGE--	0.4														
Jesse Crump	0.2R	1-8	9									8		21	8
Jesse Crump	0.3R	1-8	5									7	16	25	7
Jesse Crump	0.8R (0.1N)	1-4	34	9								7	56	62	54
Charles Coldani	0.8R (0.3N)	1-12	14									19	45	60	30
Charles Coldani	0.8R (0.4N)	1-12										21	1	74	11
Charles Coldani	0.8R (0.5N)	1-10	42									16	70	105	34
Nicolaus Ranch	1.9R	a 2-16	116									178	360	557	635
Kenworthy and Patterson	3.0L	1-24										233	385	348	161
A. H. Watson	2.8L	1-7													113
--STATE HIGHWAY 104 BRIDGE--	5.3														
Fred G. Cary	6.0L	1-3													
John G. Belcher c	9.8R	1-16													
Jack Lewis	10.5R	1-8													
--SOUTHERN PACIFIC RAILROAD BRIDGE--	10.6														
--GAGING STATION - COSUMNES RIVER AT McCONNELL--	10.7#														
--U. S. 50 and 99 HIGHWAY BRIDGE--	10.7														
<u>COSUMNES RIVER</u>															
Total			320	0	0	0	0	0	0	41	996	149	141	674	1
Average cubic feet per second			4	0	0	0	0	0	0	7	17	4	54	11	

* Diversions below the McConnell Gaging Station are considered as Delta Uplands diversions. Tidal effect ceases at about Mile 3.5.

Station located on bridge at or near center of stream.

a One 12" unit was removed in 1966.

b Quantity determined by consumptive use method.

c Formerly listed as L. G. Kilkeary and H. Trevor.

TABLE B-7 (Cont.)

DIVERSIONS - DELTA UPLANDS
(Sacramento River below Sacramento*)
October 1966 through September 1967

WATER USER	MILE AND BANK	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET												TOTAL DIVERSION OCT.-SEPT. ACRE-FEET	
			DCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.		
--RIO VISTA BRIDGE--	12.9											7	11	4	6	33
John Lira	13.0R	1-6	5									63	114	70		247
C. A. Beach	45.2L	1-12										28	27	8		63
W. and B. Correa	45.5L	1-10											42	48	6	96
Hack and Forsythe	45.75L	1-6										28	44	45	1	118
A. J. Sweeney	45.95L	1-10														
--FREEPORT BRIDGE--	46.0											30	110	195	187	593
Freeport Development Company	46.25L	1-8										8	117	93		218
L. J. Dee	46.8L	1-10										93	22	101	98	477
L. G. Klotz	47.3L	1-8	63	20								5	12	1		18
E. A. Franklin	47.5L	1-8											28	22	10	60
George Coleman	47.7L	1-6														
M. A. Richardson	53.7L	1-6										136	641	734	728	2607
City of Sacramento	56.0L	3-14														
--TOWER BRIDGE - SACRAMENTO--	59.0															
SACRAMENTO RIVER BELOW SACRAMENTO																
Total			68	20	0	0	0	0	0	0	259	912	1425	1304	542	4530
Average cubic feet per second			1	0	0	0	0	0	0	0	4	15	23	23	9	

* Mileage above Chain Island.

TABLE B-7 (Cont.)

DIVERSIONS - DELTA UPLANDS
(Yolo Bypass - West Cut*)
October 1966 through September 1967

WATER USER	MILE AND BANK	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET												TOTAL DIVERSION OCT.-SEPT. ACRE-FEET	
			DCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.		
H. L. Sorenson	4.2R (1.1)	1-14										48	95	48		191
H. L. Sorenson	4.2R (1.9)	1-14	120									133	159	168	231	811
Mounds Farms	4.2R (2.0)	1-12	268	65								145	347	103	370	1298
H. L. Sorenson	4.2R (2.0)	1-16	147									78	121	212	208	889
Yolo Flyway Farms	5.7R (0.9)	1-18	498	177	33											221
R.S.W. Ranch	5.7R (1.5)	1-16	408	168	117		8					281	377	364	271	2001
Yolo Basin Farms	6.75R(0.6)	1-16	343	191	39									95	331	999
Lucky Five Farms	6.75R(0.7)	1-16	411	57									231	187	210	319
C. C. Impey	7.85R(0.2)	1-16	81	147	151									122	129	73
Swanston Land Company	7.87R(0.7)	1-16											50	49	50	198
Swanston Land Company	7.87R(1.6)	1-16	644	71									302	346	323	204
J. A. Pope	7.87R(2.0)	1-14	210	43									194	131	356	291
J. A. Pope	7.87R(2.4)	1-14	157										154	135	322	235
J. A. Pope	7.87R(2.6)	1-14 1-16	390	66									260	386	559	625
Swanston Land Company	9.1R	1-18	201	108									102	45	653	24
P. S. Glide	10.9R(0.1)	1-20	794	57									24	11	352	658
P. S. Glide	11.0R	a 1-20														2748
P. S. Glide	12.4R	a 1-16														
P. S. Glide	12.9R	a 1-14														108
P. S. Glide	13.15R	a 1-16														131

TABLE B-7 (Cont.)

DIVERSIONS - DELTA UPLANDS
(Yolo Bypass - West Cut*) (contd.)
October 1966 through September 1967

WATER USER	MILE AND BANK	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET												TOTAL DIVERSION OCT.-SEP. ACRE-FEET
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
--SACRAMENTO NORTHERN RAILROAD BRIDGE--	13.2														
T. S. Glide	13.5R	a 1-16													
T. S. Glide	13.9R	a,b 1-30													
T. S. Glide	14.4R	a 1-16													
T. S. Glide d	14.8R	a 1-30													
T. S. Glide	14.8R (0.2)	a 1-16													
T. S. Glide	14.8R (0.3)	a 1-14													
T. S. Glide	14.8R (1.0)	a 1-16													
Cowell Foundation	17.1R (0.7)	1-20													
Cowell Foundation	17.1R (1.4)	3-20 1-30	1670	428	428										
T. S. Glide	18.6R	1-36													
--U. S. 40 and 99W CAUSEWAY--	20.1														
YOLO BYPASS - WEST CUT															
Total			6342 105	1558 26	768 12	30	0	0	153 2	743 12	2803 47	9414 153	8066 130	4458 72	5414 47
Average cubic feet per second															

* Mileage above Prospect Island.

a This is a portable unit.

b Replaces a 16" unit.

c Quantity determined by consumptive use method.

d New installation in 1967.

TABLE B-7 (Cont.)

DIVERSIONS - DELTA UPLANDS
(Putah Creek*)
October 1966 through September 1967

WATER USER	MILE AND BANK	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET												TOTAL DIVERSION OCT.-SEP. ACRE-FEET
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
T. S. Glide	.8L	a 1-14													
Cowell Foundation b	1.3R	1-12													
Cowell Foundation	1.6R	1-12													
Mary Jane Hamel Estate	2.7R	1-10 1-16													
Mary Jane Hamel Estate	2.8L	1-8 1-16													
Dow Chemical Company	2.85R	1-4													
Dow Chemical Company	2.9R	1-4													
Dow Chemical Company	3.5R	c 1-4													
Dow Chemical Company	3.7R	1-4													
--COUNTY LINE ROAD BRIDGE--	3.8														
W. E. Hansen	3.8R	a 1-6													
W. E. Hansen	4.3L	1-8													
W.B. & P.W. Schoeningh d	4.8R	1-15													
--GAGING STATION - SOUTH FORK PUTAH CREEK NEAR AVIS--	7.0#														
PUTAH CREEK															
Total															
Average cubic feet per second															

* These diversions are considered as part of the Delta Uplands. The diversions for the entire Putah Creek below Mather Dam are shown on pages 217 and 218.

Station located on bridge at or near center of stream.

a This is a portable unit.

b New installation in 1967.

c Portable unit used at mile indicated.

d New installation in 1967.

TABLE B-7 (Cont.)

DIVERSIONS - DELTA UPLANDS
 (Miscellaneous Delta Uplands)
 October 1966 through September 1967

WATER USER	MILE AND BANK *	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET											TOTAL DIVERSION OCT-SEPT. ACRE-FEET		
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.		
<u>MISCELLANEOUS DELTA UPLANDS</u>																
<u>Five Mile Slough</u>																
Sam Hernandes	2/6-17D	1-3									3	4			7	
Denver Henderson	2/6-8N	1-8	2							6	3	2	2	1	16	
<u>Disappointment Slough</u>																
H. Moffat and Elbon Land Company	2/6-6P	1-18	46							129	84	410	371	233	1273	
H. Moffat and Elbon Land Company	2/6-6J	1-14							1	170	138	220	178	24	731	
<u>Telephone Cut</u>																
E. V. Lang	3/5-26R	Gravity								NO DIVERSION						
Baldwin and Sanderson	3/5-35A	Gravity								NO DIVERSION						
Baldwin and Sanderson	3/5-25R	1-12 1-16	60							197	248	461	642	561	2169	
Baldwin and Sanderson	3/5-36A	1-7½								49	12	138	86	77	362	
Baldwin and Sanderson	3/5-36B	1-12								23	66	82	37	203		
E. V. Lang	3/5-36D	Gravity								NO DIVERSION						
E. V. Lang	3/5-36C	Gravity								NO DIVERSION						
Baldwin and Sanderson	3/5-36C	1-10								72	17	131	149	41	410	
<u>White Slough</u>																
Bert Van Ruiten	3/5-25C	1-16	117	3	3	4		1		157	254	169	224	121	1054	
Bert Van Ruiten	3/5-26C	1-16	24			32	32			49	215	78	186	90	706	
<u>Hog Slough</u>																
Robinson Farms	4/5-28B	Gravity	202	44	80							117	165	87	a 704	
Robinson Farms	4/5-28B	Gravity	24	1-	4					9	11	13	16	18		
Thompson-Folger Company	4/5-28C	1-12 Gravity								NO DIVERSION						
<u>Beaver Slough</u>																
C. B. Orvis	4/5-15C	1-15	54							79	76	164	172	11	657	
C. B. Orvis	4/5-15D	1-18	128							175	256	515	563	284	.021	
C. B. Orvis	4/5-16A	1-14	14							231	263	376	378	32	1714	
Canal Ranch	4/5-16B	1-16									174	82			256	
Canal Ranch	4/5-16D	1-8								NO DIVERSION						
<u>Burton Slough</u>																
Clow and Rose	5/5-26H	1-10										35	23	c	80	
Barnes Ranch	5/5-29D	1-5 1-10								NO DIVERSION						
Clow and Rose	5/5-20K	1-8									53	28	70		151	
Morse Brothers	5/5-16N	1-16	68							239	369	391	353	305	1725	
Clow and Rose	5/5-15M-1	b 1-14	11-							212	334	341	329	220	1557	
Morse Brothers	5/5-15M-2	1-14	50							57	172	279	247	126	931	
Thomas B. Sharp	5/5-16J	1-1-								13	16	20	20	14	83	
<u>East Dreijer Cut - Snodgrass Slough</u>																
H. E. Graf	6/5-31N	1-1	31								138	234	157	177	751	
Alfred Kuhn	5/4-36C	1-16									109	333	379	111	93-	
<u>Duck Slough Extension</u>																
Isabella Wineman	6/2-26B	1-14	106			1				94	144	217	188	131	851	
Isabella Wineman	6/2-26D	1-12	50							65	85	141	134	97	575	
Isabella Wineman	6/2-26J	1-14	134							106	167	215	327	281	1491	
<u>Haas Slough</u>																
Elmira Farms	6/2-33H	1-14	19c	10							14	82		100	549	
Reclamation District 2068	6/2-34G	1-24 2-30 1-36	6710	979						30	5260	7540	11100	10600	7800	50019
Ervin E. Vassar	6/3-34P	1-16	200	210	-17	-11	7			109	249	266	327	214	1914	

TABLE B-7 (Cont.)

DIVERSIONS - DELTA UPLANDS
(Miscellaneous Delta Uplands) (contd.)
October 1966 through September 1967

WATER USER	MILE AND BANK *	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET											TOTAL DIVERSION OCT.-SEPT. ACRE-FEET			
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.			
<u>Cache Slough</u>																	
Carpenter Ranch	4/3-20B	Gravity 1-12	134							112	70	338	325	86	1065		
Harold D. Miller	5/2-4B	1-14	177							14	37	174	172	164	108	846	
Jack Parker	5/2-4K	1-12	77							56	76	88	80	86	463		
Ervin E. Vassar	5/2-4K	1-20	263	17						265	213	641	429	253	2081		
<u>Calhoun Cut</u>																	
Vern Schmeiser	5/2-19J	1-10												c			
<u>Unsegregated</u>																	
Porter Estate Company	2/3-19E	1-16	15							16	26	28	29	22	d 136		
City of Lodi e	3/5-23L	1-10	46	16						45	49	63	101	61	381		
R. C. Coldani	3/5-14L	1-14								56	155	114	15	15	340		
R. C. Coldani f	3/5-23F	1-18								107	85	155	139	20	506		
A. Patane	4/5-34B	1-18	4							53	91	116	126	75	465		
A. Patane	4/5-34L	1-12	1							48	97	102	81	8	337		
Cotta and Sousa	4/5-34Q	1-16	103							190	3	172	161	40	669		
H. L. Sorensen	6/3-18F	1-14		75							120	199	154	150	698		
H. L. Sorensen	6/3-20J	1-16	363	43	45					4	18	2	297	175	947		
H. L. Sorensen	6/3-19E	1-14	584	18	19					86	169	304	175	331	1686		
H. L. Sorensen	6/3-19O	1-10	25								54	49	37	36	201		
H. L. Sorensen	6/3-30D	1-14	250								70	220	245	163	133	1081	
H. L. Sorensen	6/3-30L	1-16	418	68	71						21	281	330	277	259	1725	
Reclamation District 2068	6/2-25P	1-12												g			
Subirrigated h			51							47	59	66	85	95	81	59	543
<u>MISCELLANEOUS DELTA UPLANDS</u>																	
Total		11269	1537	448	58	39	57	222	8733	12915	20063	19372	13486	88199			
Average cubic feet per second		183	26	7	1	1	1	4	142	217	326	315	227	122			
<u>DELTA UPLANDS</u>																	
Total		29249	4137	1707	412	628	2823	1521	38614	58475	82032	83365	49646	352609			
Average cubic feet per second		476	69	28	7	11	46	26	628	983	1334	1356	834	487			
Monthly use in percent of seasonal		8.3	1.2	0.5	0.1	0.2	0.8	0.4	11.0	16.6	23.3	23.6	14.0				

* Figures represent North Townships, East Ranges and Sections. Letters represent the 1/4 - 1/4 sections which are lettered from A through R excluding I and O, similar to the numbering of sections within a township.

a Includes an undetermined amount of Woodbridge I. D. drainage water.

b One 10" unit was removed in 1966.

c No record, lessee refused permission to enter property.

d Includes an undetermined amount of Marsh Creek water. Formerly listed as Red House Ranching Company.

e New installation in 1967.

f Diversion in 1967 was all controlled drainage water.

g Estimated consumptive use on lands in the Delta Uplands, considered as subirrigated from tidal channels during 1967 without a specific point of diversion.

TABLE B-7 (Cont.)

DIVERSIONS - MOKELEMNE RIVER *
 (Woodbridge Irrigation District Dam to Camanche Dam)
 October 1966 through September 1967

WATER USER	MILE AND BANK **	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET												TOTAL DIVERSION OCT.-SEPT. ACRE-FEET
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	

--WOODBRIDGE IRRIGATION DISTRICT DAM--	19.9														
Woodbridge Irrigation District	19.9L	Gravity	8230	113					454	13270	19900	20920	12130	15200	100217
Arthur J. Hoffman	21.85R	1-10								5	17	14	11	11	58
C. H. Fillhardt	22.1R	1-6													
V. P. Sperling	22.5R	1-5													
Robert Peters	23.03R	1-2 1-3	5	1											
Cecil Mumbert	23.4R	1-4													
Tillie D. Sanguinetti	23.4L	1-3													
--SOUTHERN PACIFIC RAILROAD BRIDGE--	23.6														
Mok-Loa Land Co.	24.0L	1-4													
Mok-Loa Land Co.	24.12R	1-½													
--HIGHWAY 99 BRIDGE--	24.2														
Marie Hallinan Estate	24.45L	1-5													
Marie Hallinan Estate	24.5L	1-6													
Sam and Mary Miller	24.8L	1-5	4												
Ray A. Mettler	25.2R	1-10													
--CENTRAL CALIFORNIA TRACTION COMPANY BRIDGE--	25.6														
W. F. Johnson	26.3L	1-4													
Richard Wagers	26.35L	1-2	1												
Nakagawa Brothers	26.9R	1-5													
Irene C. Green	27.5L	1-5													
Rose Linde	27.6L	1-8													
Alfred Joens	27.9L	1-10													
Nakagawa Brothers	27.97R	1-8													
Frankie G. Dick	28.5L	1-8													
Nakagawa Brothers	28.6R	1-6	10												
Nakagawa Brothers a	28.7R	1-4													
W. E. Mehlhaff	29.9R	1-8													
Emil Bender	30.0L	1-10													
--BRUELLA ROAD BRIDGE--	30.0														
V. W. Hoffman and Sons	30.15R	1-8													
Nelson H. Davis	30.35R	1-6													
J. J. Schmidt Estate	30.95L	1-7													
Leon Kirschenmann	31.0L	1-8	11												
V. W. Hoffman and Sons	31.45R	1-5													
Rosa C. Soucie	31.7L	1-5	4	2											
John Graffigna Estate	31.8R	1-7													
North San Joaquin Water Conservation District	32.3L	1-16 1-18	298						8	721	1226	1726	1765	174	6720
R. Graffigna and A. Costa	32.33R	1-3 1-4													
L. J. Peterson	32.5L	1-5													
Chester M. Locke	33.25L	1-10													
Acampo Vineyards	33.45R	1-8													
Acampo Vineyards	33.6R	1-8													
Neil C. Locke	33.7L	1-12													
T. and E. Schmierer b	33.8R	1-4													
R. T. McCarty	34.0L	1-8													
Pritam Singh Ohaliwal	34.05R	1-4													
Norman Knoll	34.1R	1-4													

TABLE B-7 (Cont.)

DIVERSIONS - MOKELUMNE RIVER* (cont'd.)
 (Woodbridge Irrigation District Dam to Camanche Dam)
 October 1966 through September 1967

WATER USER	MILE AND BANK **	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET												TOTAL DIVERSION OCT.-SEPT. ACRE-FEET
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	

Norman Knoll	34.3R	1-4									3	3	3	1	10
R. T. McCarty	34.34L	1-5									7	7	25		39
--ELLIOTT ROAD BRIDGE--	34.35														
J. Hull, J. Graham and T. Hess	34.5R	1-4										5	21		26
H. C. Russell	34.55L	1-10										1	14		12
Donald Smith	34.55L	1-1½	1									1	2	1	6
Kenneth H. Beckman	34.6R	1-5										13	13		26
H. Bava, D. Panella, and Dr. Barkett	34.75L	1-16										8	95	78	181
K. E. and J. Beckman a	35.14R	1-16									5	50	105	112	50
Lincoln Chan	35.15R	1-6										43	65	50	23
Grizzly Hill Ranch	35.2L	1-8	9	10	1	1	1	1	1	11	41	42	34	35	186
Manuel Machado	35.4L	1-8										10	47	46	53
Lincoln Chan	35.5R	1-8										11	209	114	170
R. D. Mehlhoff	35.7L	1-6										22	50	57	129
I. H. Quessenberry	35.9L	1-7										13	14	18	37
Fred F. Sievers c	36.0L	1-6										72	29	63	13
Lincoln Chan	36.2R	1-6										5	98	43	33
Ossie Parker	36.45L	1-12										135	80	91	65
J. R. Wiederrick, et al	37.15L	1-10											37	37	74
W. L. Moffat, et al	37.45R	1-8												51	51
W. L. Moffat, et al	37.65L	1-10												32	32
Maria Costa, et al	37.7R	1-12													
C. and F. Sanguinetti	38.0L	1-6										99	73	54	30
C. and F. Sanguinetti	38.1L	1-8										70	115	120	65
Rudolph Sutter	38.3L	1-10		31								6	24	27	27
N. and C. Locke	38.5L	1-12											38	238	276
Clements Estate	39.0L	1-12	209	68								351	635	559	574
H. S. Magee Estate	39.25L	1-5										4	3	8	6
--OLD CLEMENTS BRIDGE--	39.3														25
L. and T. Deluca	39.59L	1-6													
Mrs. Wakeham Clark	39.6L	1-6	2										14	19	46
J. N. Henry	39.9R	1-6											68	52	77
A. Teichert & Son, Inc.	40.32R	1-6													
Bert Campbell	40.48L	1-3										9	21	17	13
Robert Simmons	40.52L	1-6											30	58	35
H. and M. Ostermann	40.53L	1-6										4	42	27	2
Charles Mehrten	d 40.72L	1-6											12	9	13
H. and E. Mason	e 40.83L	1-6	13										27	19	20
--HIGHWAY 88 BRIDGE--	f 41.00														96
P. and N. Wright	g 41.14L	1-3	4										5	8	5
C. Fukuhara and R. Nakashima	h 41.14R	1-2 1-8										26	38	24	22
L. A. Rozzoni, Estate	i 41.40L	1-10											27	85	63
H. F. Lesage	j 41.50R	1-4													
Clarence Jones	k 42.11R	1-8	6	9								17	20	24	35
Lawrence Putnam, Estate	m 42.24L	1-3	7									9	21	34	45
P. W. Olivera	n 42.66R	1-3	8	1									12	17	20

TABLE B-7 (Cont.)

DIVERSIONS - MOKELOMNE RIVER* (contd.)
 (Woodbridge Irrigation District Dam to Camanche Dam)
 October 1966 through September 1967

WATER USER	MILE AND BANK **	NUMBER AND SIZE OF PUMP IN INCHES	MONTHLY DIVERSION IN ACRE - FEET												TOTAL DIVERSION OCT.-SEPT. ACRE-FEET
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
P. M. and U. L. Thorns	p 42.97L	1-4	5	1							9	11	11	4	4
P. M. and U. L. Thorns	q 42.99L	1-8									6	11	20	8	45
--GAGING STATION - MOKELOMNE RIVER BELOW CAMANCHE DAM --	r 43.00														
P. W. Olivera	s 43.15R	1-4	4	2							9	12	13	7	47
--CAMANCHE DAM--	t 44.09														
MOKELOMNE RIVER (Woodbridge Irrigation District Dam to Camanche Dam)			8831 144 7.5	238 4 0.2	1 0 0.0	1 0 0.0	1 0 0.0	3 1 0.1	497 5 0.4	14515 236 12.4	-3077 388 19.6	25693 418 -1.9	-7023 439 -3.1	1758 95 12.1	117437 16 16

* Diversion data shown on this table are furnished by the East Bay Municipal Utility District, excepting that data for the Woodbridge Irrigation District, which was furnished by the U. S. Geological Survey. Monthly totals are computed by this Department. The Mokelumne River diversion measurement program by the East Bay Municipal Utility District was initiated January 1, 1965.

** Mile and bank above New Hope Bridge.

*** Miles 0.0 to 19.8 are reported under "Diversions - Delta Uplands - Mokelumne River" page 223.

a New installation in 1967.

b Formerly listed as T. H. & E. R. Schmierer.

c Formerly listed as Robert Merrill.

d Previously listed as Mile 41.35L.

e Previously listed as Mile 42.27L.

f Previously listed as Mile 43.38.

g Previously listed as Mile 43.52L.

h Previously listed as Mile 43.52R.

i Previously listed as Mile 43.78L.

j Formerly listed as Mile 43.89R.

k Formerly listed as Mile 44.52R.

l Formerly listed as Mile 44.66L.

m Formerly listed as Mile 45.08R.

n Formerly listed as Mile 45.37L.

o Formerly listed as Mile 45.4L.

p Formerly listed as Mile 45.4R.

q Formerly listed as Mile 45.4I.

r Formerly listed as Mile 45.58R.

s Formerly listed as Mile 45.58R.

t Formerly listed as Mile 46.56.

TABLE B-8

DELIVERIES FROM FOLSOM AND NIMBUS RESERVOIRS
October 1966 through September 1967

WATER USER	MONTHLY DIVERSION IN ACRE - FEET												TOTAL DIVERSION OCT.-SEPT. ACRE-FEET
	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
AMERICAN RIVER													
<u>Folsom Water Service</u> a													
Total acre-feet	2391	1569	1347	1446	1206	1503	1351	1589	1582	2026	2215	2178	20403
Average cubic feet per second	39	26	22	24	22	24	23	26	27	33	36	37	28
Monthly use in percent of seasonal	11.7	7.7	6.6	7.0	5.9	7.4	6.6	7.8	7.8	9.9	10.9	10.7	
<u>San Juan Suburban Water District</u> a													
Total acre-feet	3289	1276	960	973	893	1069	1039	2760	4053	5585	5432	4380	31709
Average cubic feet per second	53	21	16	16	16	17	17	45	68	91	88	74	44
Monthly use in percent of seasonal	10.4	4.0	3.0	3.1	2.8	3.4	3.3	8.7	12.8	17.6	17.1	13.8	

TABLE B-9

EXPORTATIONS FROM NORTHEASTERN CALIFORNIA
October 1966 through September 1967

WATER USER	MONTHLY DIVERSION IN ACRE - FEET												TOTAL DIVERSION OCT.-SEPT. ACRE-FEET
	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
MCLEOD MINE RIVER													
<u>East Bay Municipal Utility District</u> b													
Total acre-feet	16824	16457	17530	16793	13923	16283	14053	16550	16516	18204	17986	17286	195405
Average cubic feet per second	274	277	285	273	251	265	236	269	278	296	292	290	274
Monthly use in percent of seasonal	8.5	8.3	8.8	8.5	7.0	8.2	7.1	8.3	8.3	9.2	9.1	8.7	
<u>Putah South Canal</u> a													
Total acre-feet	27593	4911	827	1240	482	1396	841	11629	18371	32412	30486	19021	149209
Average cubic feet per second	449	89	12	20	8.7	23	14	19	309	527	496	320	206
Monthly use in percent of seasonal	18.5	3.5	0.6	0.8	0.5	0.9	0.6	7.8	12.3	21.7	20.4	12.8	
<u>City of Vallejo</u> c													
Total acre-feet	1190	673	81	246	386	393	577	1220	1270	1640	1620	1480	10776
Average cubic feet per second	19	11	1.3	4.0	7.0	6.4	9.7	20	21	27	26	25	15
Monthly use in percent of seasonal	11.0	6.2	0.8	2.3	3.6	3.7	5.4	11.3	11.8	15.2	15.0	13.7	
<u>Central Costa Canal</u> a													
Total acre-feet	7863	6063	4701	4988	4437	3939	3575	5766	6379	8071	8241	7640	71663
Average cubic feet per second	128	102	76	81	80	64	60	94	107	131	124	128	99
Monthly use in percent of seasonal	11.0	8.4	6.5	7.0	6.2	5.5	5.0	8.0	8.9	11.3	11.5	10.7	
<u>Delta Mendota Canal</u> a													
Total acre-feet	109298	54986	36081	45174	38035	119167	68164	112372	122257	157789	255653	149098	1258073
Average cubic feet per second	1776	924	424	735	685	1938	1147	1828	2055	2566	4156	2506	1738
Monthly use in percent of seasonal	8.7	4.4	2.1	3.6	3.0	9.5	5.4	8.9	9.7	12.5	20.3	11.3	

TABLE B-10

IMPORTATIONS INTO NORTHEASTERN CALIFORNIA
October 1966 through September 1967

WATER USER	MONTHLY DIVERSION IN ACRE - FEET												TOTAL DIVERSION OCT.-SEPT. ACRE-FEET
	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	
TRINITY RIVER													
<u>Clear Creek Powerplant</u> a													
Total acre-feet	149660	128370	30740	40880	34030	34210	41550	83870	189320	181430	181480	187050	1282590
Average cubic feet per second	245	2157	500	665	613	556	699	1364	3182	2951	2951	3143	1772
Monthly use in percent of seasonal	11.7	10.0	2.4	3.2	2.7	2.7	3.2	6.5	14.8	14.1	14.1	14.6	

a Data furnished by U. S. Bureau of Reclamation.

b Data furnished by East Bay Municipal Utility District.

c Data furnished by City of Vallejo.

TABLE B-11
DAILY MEAN GAGE HEIGHT

TABLE B-11

**DAILY MEAN GAGE HEIGHT
(IN FEET)**

	WATER YEAR	STATION NO.	STATION NAME
	1967	A21010	SACRAMENTO RIVER AT KESWICK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	11.92	11.92	15.51	12.02	25.26	11.44	10.05	16.16	15.82	15.22	14.99	14.75	1
2	11.94	11.92	15.98	12.02	25.15	11.42	9.97	15.77	15.79	15.23	14.99	14.75	2
3	11.91	11.92	16.18	11.51	25.10	11.22	9.93	15.84	15.77	15.23	14.99	14.75	3
4	11.92	11.92	16.82	10.65	25.08	11.02	9.95	15.49	15.76	15.24	15.00	14.75	4
5	11.92	11.93	20.39	9.80	25.00	11.00	10.01	14.87	15.78	15.23	15.00	14.76	5
6	11.92	11.93	25.34	9.35	24.45	10.60	10.61	14.63	15.78	15.22	14.99	14.76	6
7	11.92	11.92	26.76	9.35	22.12	10.14	14.16	14.28	15.43	14.94	14.98	14.73	7
8	11.92	11.92	27.40	9.36	18.96	10.17	14.85	13.98	15.17	14.94	15.00	14.43	8
9	11.93	11.82	27.08	9.29	16.43	9.33	14.82	14.22	15.20	14.92	15.00	14.43	9
10	11.92	11.64	23.60	8.72	15.72	9.36	14.85	15.31	15.18	14.95	15.00	14.44	10
11	11.92	11.59	16.82	8.46	15.62	9.35	14.82	15.82	15.18	14.92	15.00	14.45	11
12	11.92	11.59	16.52	8.15	15.62	9.33	14.24	16.69	15.19	14.92	15.00	14.45	12
13	11.92	11.58	16.40	8.15	15.45	9.34	16.15	17.00	15.17	14.94	15.00	14.44	13
14	11.92	11.59	16.28	8.15	14.98	9.34	16.14	16.90	15.17	14.94	14.99	14.13	14
15	11.91	11.66	15.97	8.15	14.70	9.33	16.23	16.95	15.17	14.94	15.00	14.14	15
16	11.93	11.59	16.00	8.16	14.42	9.55	16.13	16.96	15.18	14.94	15.01	14.13	16
17	11.91	11.57	15.97	8.15	14.13	9.38	16.20	17.04	15.18	14.94	15.01	14.13	17
18	11.92	11.57	15.97	8.17	13.77	9.36	16.74	16.87	15.19	14.94	15.00	14.10	18
19	11.91	11.62	16.00	8.17	13.77	9.35	17.06	17.48	15.20	14.94	15.00	13.78	19
20	11.91	11.70	16.00	8.40	13.42	9.37	17.28	17.99	15.20	14.95	15.02	13.78	20
21	11.91	11.72	15.99	8.65	12.69	9.37	17.20	18.37	15.19	14.96	15.02	13.78	21
22	11.90	12.65	16.00	8.38	11.84	9.39	17.34	18.36	15.18	14.97	15.01	13.78	22
23	11.90	14.23	16.02	8.28	11.84	9.65	17.23	18.47	15.20	14.98	15.02	13.78	23
24	11.91	15.36	15.40	8.36	11.85	9.90	17.36	18.60	15.22	14.97	15.01	13.78	24
25	11.91	15.34	15.40	8.34	11.84	9.92	17.20	18.44	15.22	14.97	15.02	13.78	25
26	11.92	15.32	15.40	8.57	11.80	9.88	16.60	18.03	15.22	14.97	15.02	13.82	26
27	11.92	15.33	15.10	8.54	11.83	9.91	16.42	17.33	15.22	14.99	15.02	13.60	27
28	11.92	15.34	14.60	10.47	11.84	9.92	16.48	17.00	15.22	14.99	15.04	13.55	28
29	11.91	15.33	13.30	19.30		9.90	16.48	16.54	15.23	14.99	14.73	13.55	29
30	11.94	15.34	12.85	23.07		9.96	16.50	16.46	15.23	14.99	14.75	13.22	30
31	11.93		12.01	24.98		10.10		16.19		14.99	14.75		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
E — ESTIMATED			12-9-66	1430	27.95						
NR — NO RECORD											
NF — NO FLOW											

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
40 36 05	122 26 35	NW28 32N 5W	186000	47.2	2/28/60	OCT 38-DATE	OCT 38-DATE	1938	1939	500.01	USCGS
			54000	27.59	12/27/64			1939	1942	495.01	USCGS
								1942		479.81	USCGS

Station located 0.8 mi. below Keswick Dam, 1.6 mi. below Keswick. Flow regulated by Shasta Lake. Records furnished by USGS. Drainage area, excluding Goose Lake Basin, is approximately 6,710 sq. mi.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
 (IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A02780	SACRAMENTO RIVER NEAR RED BLUFF

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	2.65	2.78	6.09	3.21	14.30	3.30	5.27	6.26	5.59	4.78	4.45	4.29	1
2	2.66	2.78	8.82	3.18	13.10	3.19	3.95	5.86	5.88	4.76	4.44	4.30	2
3	2.69	2.82	10.00	3.16	12.51	3.15	3.52	5.80	5.72	4.85	4.45	4.30	3
4	2.66	2.83	6.97	2.83	12.25	2.95	3.28	5.75	5.55	4.78	4.44	4.30	4
5	2.67	2.79	10.71	2.44	12.07	2.92	3.15	5.45	5.54	4.72	4.43	4.30	5
6	2.68	2.92	11.77	2.08	11.81	2.89	3.94	5.23	5.54	4.72	4.43	4.29	6
7	2.68	3.00	12.60	2.03	10.56	2.58	5.78	5.20	5.47	4.63	4.43	4.27	7
8	2.69	2.90	13.23	2.03	8.42	2.53	5.86	5.05	5.18	4.57	4.42	4.19	8
9	2.69	2.84	13.33	2.02	6.85	2.37	5.64	5.22	5.26	4.57	4.42	4.13	9
10	2.68	2.83	12.62	1.83	6.20	2.21	5.56	6.20	5.20	4.57	4.42	4.13	10
11	2.69	2.84	7.84	1.75	5.92	3.28	5.85	6.20	5.15	4.53	4.43	4.13	11
12	2.70	2.95	6.54	1.53	5.84	3.15	5.31	6.17	5.14	4.53	4.43	4.13	12
13	2.70	2.98	6.43	1.50	5.81	3.27	6.04	6.50	5.15	4.53	4.43	4.13	13
14	2.71	2.95	6.88	1.51	5.47	3.62	6.40	6.37	5.08	4.51	4.43	4.04	14
15	2.69	3.18	6.18	1.50	5.30	3.09	6.25	6.31	5.05	4.51	4.42	3.97	15
16	2.70	3.93	5.89	1.50	5.02	5.35	6.10	6.40	5.04	4.50	4.42	3.97	16
17	2.70	3.30	5.75	1.49	4.92	5.02	6.21	6.57	5.01	4.51	4.41	3.98	17
18	2.68	3.04	5.68	1.49	4.61	4.41	8.15	6.58	5.02	4.50	4.40	3.99	18
19	2.69	3.00	5.60	1.49	4.56	3.89	7.95	6.58	5.01	4.49	4.40	3.87	19
20	2.70	6.24	5.55	2.91	4.47	3.58	7.60	6.98	4.99	4.48	4.42	3.79	20
21	2.71	4.63	5.50	13.32	4.10	3.74	7.21	7.22	4.98	4.48	4.42	3.78	21
22	2.70	5.07	5.47	8.23	3.65	3.45	6.96	7.25	4.94	4.48	4.42	3.79	22
23	2.71	4.46	5.41	4.09	3.50	3.42	7.39	7.25	4.90	4.47	4.42	3.79	23
24	2.70	5.00	5.21	5.64	3.49	3.41	7.86	7.32	4.90	4.47	4.42	3.79	24
25	2.69	4.96	5.02	5.24	3.62	3.17	7.70	7.23	4.88	4.47	4.42	3.80	25
26	2.70	4.94	5.01	5.91	3.52	3.01	7.23	6.99	4.86	4.47	4.43	3.79	26
27	2.70	4.90	4.98	7.30	3.45	2.88	7.90	6.64	4.84	4.46	4.43	3.74	27
28	2.70	5.28	4.69	9.16	3.40	2.82	6.98	6.29	4.82	4.46	4.43	3.64	28
29	2.71	6.65	4.12	13.73		2.83	6.60	6.12	4.80	4.46	4.33	3.64	29
30	2.73	5.53	3.86	13.83		2.80	6.40	5.93	4.80	4.46	4.30	3.56	30
31	2.75		3.34	17.24		3.96		5.85		4.45	4.30		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E — ESTIMATED
 NR — NO RECORD
 NF — NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
1-31-67	1300	19.55									

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
40 13 55	122 10 50	SE34 28N 3W	291000	38.9	2/28/40	JAN 92-DATE	JAN 92-DATE	1902		253.18	USCGS
			170000	28.15	12/22/64						

Station located at lower end of Iron Canyon, 0.5 mi. below Sevenmile Creek, 4.6 mi. NE of Red Bluff. Records prior to January 1902 at a site 16.2 mi. upstream. Records furnished by USGS. Drainage area, excluding Goose Lake basin, is approximately 9,300 sq. mi.

TABLE B-11 (Cont.)
DAILY MEAN GAGE HEIGHT
 (IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A02700	SACRAMENTO RIVER AT VINA BRIDGE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DEC.
1	67.17	67.36	71.52	68.11	82.79	68.33	70.52	71.84	70.85	69.51	68.94	68.77	1
2	67.23	67.36	74.52	68.07	80.13	68.17	69.45	71.39	71.19	69.53	68.96	68.75	2
3	67.25	67.39	79.30	68.03	79.11	68.11	68.79	71.27	71.18	69.57	68.93	68.77	3
4	67.24	67.43	73.92	67.76	78.56	67.97	68.55	71.25	70.79	69.49	68.94	68.79	4
5	67.24	67.41	79.08	67.42	78.23	67.88	68.35	71.00	70.74	69.40	68.95	68.76	5
6	67.26	67.57	78.05	67.07	77.88	67.84	69.73	70.75	70.77	69.38	68.94	68.76	6
7	67.26	67.78	78.58	66.92	76.87	67.62	71.70	70.74	70.69	69.33	68.94	68.75	7
8	67.26	67.62	79.10	66.90	74.81	67.48	71.50	70.87	70.38	69.19	68.92	68.68	8
9	67.27	67.60	79.33	66.89	72.95	67.43	71.13	71.11	70.36	69.17	68.95	68.59	9
10	67.27	67.60	78.98	66.79	71.97	67.21	71.00	71.80	70.34	69.17	68.93	68.61	10
11	67.25	67.58	75.25	66.61	71.51	68.62	71.59	71.87	70.27	69.14	68.96	68.60	11
12	67.27	67.65	72.35	66.51	71.34	68.99	71.32	71.58	70.28	69.11	68.93	68.59	12
13	67.28	67.77	72.03	66.42	71.29	69.01	70.99	71.90	70.27	69.10	68.92	68.58	13
14	67.28	67.71	72.98	66.41	71.01	68.93	71.71	71.76	70.12	69.10	68.91	68.52	14
15	67.28	67.88	71.99	66.42	70.71	68.41	71.60	71.80	70.06	69.07	68.91	68.43	15
16	67.27	69.19	71.46	66.41	70.38	71.73	71.40	72.00	70.03	69.09	68.90	68.44	16
17	67.30	68.47	71.25	66.40	70.20	71.97	71.49	72.30	70.01	69.09	68.90	68.46	17
18	67.28	67.89	71.03	66.38	69.88	70.42	73.56	72.43	70.01	69.05	68.90	68.47	18
19	67.26	68.07	70.94	66.38	69.70	69.73	73.64	72.33	70.02	69.08	68.89	68.37	19
20	67.28	74.40	70.83	66.96	69.59	69.19	73.49	72.74	69.98	69.06	68.90	68.26	20
21	67.29	71.18	70.76	79.36	69.30	69.43	72.91	72.98	69.95	69.01	68.91	68.26	21
22	67.31	71.03	70.71	78.95	68.84	69.10	72.58	73.14	69.85	69.03	68.90	68.25	22
23	67.28	69.68	70.63	70.96	68.55	68.98	73.27	73.14	69.79	69.03	68.90	68.27	23
24	67.34	69.93	70.50	73.26	68.51	69.12	73.86	73.16	69.75	69.02	68.91	68.27	24
25	67.31	70.02	70.17	72.70	68.63	68.68	73.73	73.01	69.72	69.00	68.91	68.29	25
26	67.28	69.93	70.09	73.39	68.59	68.45	73.51	72.69	69.70	68.99	68.90	68.25	26
27	67.29	69.87	70.06	75.51	68.47	68.24	73.80	72.27	69.66	68.99	68.95	68.23	27
28	67.30	70.22	69.76	76.49	68.39	68.10	73.14	71.86	69.61	68.98	68.94	68.13	28
29	67.31	73.45	69.29	82.10		68.09	72.40	71.63	69.60	68.98	68.85	68.10	29
30	67.31	71.48	68.84	82.52		68.00	72.05	71.34	69.57	68.99	68.75	68.08	30
31	67.33		68.41	85.00		68.98		71.14		68.99	68.75		

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E — ESTIMATED	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
NR — NO RECORD	11-20-66	0545	75.67	1-31-67	2045	85.88	4-27-67	1800	75.14			
NF — NO FLOW	12- 3-66	0600	82.16	3-16-67	1800	73.50						

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.O.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD FROM	TO	ZERO ON GAGE	RE DATE
			CFS	GAGE HT.	DATE						
39 54 34	122 05 31	NE28 24N 2W	14700	89.42	2/25/58	APR 45-DATE	APR 45-DATE	1945	1945	100.00	USED
			163000 E	90.97	12/23/64					97.15	

Station located 250 ft. above Vina-Corning Highway bridge, 2.6 mi. SW of Vina.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
 (IN FEET)

WATER YEAR	STATION NO.	STATION NAME
1967	A02630	SACRAMENTO RIVER AT HAMILTON CITY

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	28.22	28.38	31.73	29.46	43.02	29.69	31.21	32.49	31.28	29.96	29.51	29.46	1
2	28.27	28.41	33.57	29.38	39.77	29.53	30.82	32.14	31.47	29.97	29.49	29.48	2
3	28.28	28.42	39.57	29.35	38.72	29.49	30.06	31.91	31.64	30.01	29.48	29.51	3
4	28.30	28.46	34.21 E	29.18	38.17	29.39	29.79	31.84	31.32	29.96	29.49	29.55	4
5	28.27	28.46	38.29 E	28.89	37.86	29.27	29.60	31.64	31.25	29.88	29.49	29.54	5
6	28.30	28.55	37.70	28.58	37.60	29.24	30.30	31.43	31.27	29.84	29.51	29.55	6
7	28.33	28.81	37.84	28.38	36.97	29.08	32.18	31.34	31.21	29.81	29.53	29.54	7
8	28.31	28.67	38.28	28.35	35.48	28.89	32.27	31.37	30.99	29.68	29.49	29.52	8
9	28.33	28.66	38.57	28.32	33.75	28.88	31.94	31.50	30.89	29.67	29.49	29.45	9
10	28.33	28.64	38.42	28.28	32.78	28.65	31.80	31.91	30.91	29.67	29.48	29.47	10
11	28.32	28.63	36.21	28.08	32.36	29.50	32.15	32.16	30.83	29.64	29.50	29.51	11
12	28.34	28.66	32.92	28.02	32.15	30.24	32.17	31.83	30.80	29.62	29.52	29.54	12
13	28.34	28.79	32.53	27.92	32.11	30.32	31.74	32.01	30.76	29.60	29.51	29.52	13
14	28.35	28.79	33.25	27.90	31.93	30.15	32.33	31.97	30.68	29.59	29.53	29.51	14
15	28.33	28.95	32.61	27.88	31.65	29.83	32.35	31.95	30.60	29.58	29.49	29.44	15
16	28.32	29.84	32.13	27.87	31.46	31.79	32.18	32.09	30.55	29.60	29.45	29.48	16
17	28.34	29.76	31.93	27.86	31.27	33.02	32.08	32.32	30.50	29.63	29.46	29.50	17
18	28.32	29.12	31.77	27.85	31.06	31.51	33.71	32.46	30.45	29.58	29.46	29.56	18
19	28.31	29.04	31.66	27.84	30.86	30.98	33.88	32.41	30.45	29.57	29.47	29.53	19
20	28.31	33.84	31.60	27.98	30.78	30.42	34.00	32.67	30.42	29.56	29.48	29.40	20
21	28.34	32.42	31.53	36.27	30.58	30.58	33.42	32.89	30.36	29.53	29.49	29.41	21
22	28.38	31.59	31.46	40.38	30.25	30.34	33.12	33.10	30.31	29.57	29.49	29.41	22
23	28.34	30.68	31.45	32.34	29.92	30.17	33.51	33.09	30.23	29.56	29.49	29.44	23
24	28.37	30.61	31.37	33.29	29.84	30.33	34.06	33.12	30.19	29.56	29.53	29.44	24
25	28.34	30.77	31.09	34.10	29.90	29.99	34.06	33.03	30.16	29.54	29.55	29.45	25
26	28.30	30.70	31.03	32.83	29.94	29.78	34.02	32.78	30.14	29.51	29.59	29.44	26
27	28.34	30.64	30.99	36.20	29.80	29.60	33.86	32.46	30.08	29.50	29.62	29.42	27
28	28.33	30.72	30.82	35.93	29.73	29.47	33.64	32.10	30.05	29.52	29.60	29.32	28
29	28.36	33.33	30.52	40.21		29.43	33.02	31.90	30.04	29.53	29.56	29.30	29
30	28.36	32.26	30.06	41.81		29.37	32.69	31.63	30.01	29.55	29.45	29.30	30
31	28.37		29.81	43.58		29.92		31.46		29.54	29.44		

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
11-20-66	1045	35.33	1-31-67	2400	44.49	4-27-67	2230	35.00			
12- 3-66	1215	40.98	3-16-67	2215	33.82						

NF - NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO	
39 45 07	121 59 43	NE20 22N 1W	350000 151000	22.6 49.64	2/28/40 12/23/64	APR 45-DATE	27-DATE	1927 1945 1945	1945 100.0 96.5	127.9 100.0 96.5 USED USED USCGS

Station located at Gianella Bridge, State Highway 32, 1.0 mi. NE of Hamilton City.

TABLE B-11 (Cont.)

**DAILY MEAN GAGE HEIGHT
(IN FEET)**

	WATER YEAR	STATION NO.	STATION NAME
	1967	A02570	SACRAMENTO RIVER AT ORD FERRY

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	46.14	46.27	50.56	47.75	65.03	48.37	49.84	52.20	50.01	48.37	47.74	47.66	1
2	46.16	46.30	52.63	47.64	61.72	48.21	49.91	51.46	50.05	48.36	47.71	47.67	2
3	46.17	46.32	59.43	47.58	59.85	48.11	48.80	50.96	50.41	48.38	47.71	47.72	3
4	46.21	46.35	55.03	47.45	58.76	48.00	48.43	50.84	50.01	48.38	47.71	47.74	4
5	46.18	46.38	57.46	47.13	58.29	47.86	48.21	50.61	49.87	48.27	47.71	47.75	5
6	46.20	46.41	58.17	46.81	57.98	47.81	49.16	50.32	49.89	48.24	47.73	47.75	6
7	46.24	46.70	57.66	46.54	57.28	47.69	51.65	50.14	49.82	48.20	47.74	47.75	7
8	46.22	46.60	57.94	46.48	55.83	47.48	51.72	50.15	49.61	48.06	47.73	47.72	8
9	46.23	46.58	58.28	46.45	53.91	47.42	51.19	50.27	49.43	48.04	47.71	47.65	9
10	46.23	46.56	58.26	46.41	52.62	47.23	50.93	50.65	49.46	48.03	47.70	47.65	10
11	46.21	46.55	56.88	46.22	52.02	47.83	51.34	51.18	49.37	48.00	47.71	47.69	11
12	46.22	46.56	52.58	46.13	51.69	49.04	51.50	50.77	49.33	47.98	47.72	47.73	12
13	46.23	46.71	51.83	46.00	51.57	49.20	50.78	50.84	49.26	47.95	47.72	47.71	13
14	46.24	46.73	52.49	45.96	51.38	48.81	51.44	50.86	49.19	47.93	47.73	47.72	14
15	46.24	46.86	51.98	45.94	51.03	48.57	51.61	50.78	49.09	47.92	47.70	47.64	15
16	46.22	47.73	51.26	45.91	50.76	50.63	51.36	50.93	49.02	47.91	47.65	47.66	16
17	46.24	48.09	50.91	45.91	50.47	53.17	51.20	51.21	48.97	47.94	47.66	47.69	17
18	46.23	47.19	50.67	45.88	50.23	50.92	53.04	51.40	48.92	47.88	47.66	47.74	18
19	46.22	47.09	50.49	45.87	50.00	50.20	53.66	51.39	48.90	47.79	47.67	47.74	19
20	46.21	52.69	50.39	46.06	49.89	49.38	53.90	51.60	48.89	47.79	47.68	47.62	20
21	46.24	52.27	50.28	54.35	49.64	49.48	53.17	51.93	48.82	47.78	47.69	47.60	21
22	46.26	50.30	50.18	61.85	49.25	49.30	52.85	52.20	48.76	47.79	47.69	47.62	22
23	46.24	49.45	50.16	54.27	48.72	49.06	53.07	52.21	48.67	47.80	47.69	47.64	23
24	46.25	49.00	50.06	53.79	48.59	49.21	53.82	52.26	48.61	47.78	47.71	47.64	24
25	46.25	49.24	49.72	55.93	48.64	48.76	53.92	52.19	48.60	47.78	47.74	47.64	25
26	46.20	49.14	49.60	53.50	48.67	48.48	54.01	51.90	48.57	47.76	47.77	47.64	26
27	46.24	49.05	49.54	57.73	48.52	48.23	53.75	51.50	48.49	47.74	47.82	47.62	27
28	46.23	49.11	49.38	57.31	48.43	48.04	54.19	51.05	48.45	47.75	47.79	47.54	28
29	46.25	52.32	49.06	60.85		47.98	53.07	50.74	48.44	47.76	47.78	47.50	29
30	46.25	51.69	48.49	63.55		47.92	52.56	50.42	48.43	47.78	47.66	47.51	30
31	46.27		48.22	64.75		48.41		50.17		47.78	47.64		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E — ESTIMATED	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
NR — NO RECORD	11-20-66	1515	54.98	2- 1-67	0730	65.61	4-28-67	0215	55.00			
NF — NO FLOW	12- 3-66	1545	60.92	3-17-67	0215	53.83						

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM	
			CFS	GAGE HT.	DATE			FROM	TO			
39 37 39	121 59 28	SE32 21N 1W	370000	121.7	2/28/40	JAN 48-DATE		21-MAY 27#	1937	1960	0.00	USED
			126000 E	68.9	12/23/64			FEB 37-MAY 37				
								OCT 37-MAY 39	1960		50.00	
								NOV 39-MAY 41#				
								NOV 41-DATE				

Station located 0.1 mi below Ord Ferry.

- Flood season only.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
(IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A02500	SACRAMENTO RIVER AT BUTTE CITY

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	70.46	70.62	75.90	72.70	92.18	73.52	74.55	78.08	75.49	73.20	72.40	72.30	1
2	70.42	70.68	77.53	72.64	90.82	73.32	75.43	77.42	75.35	73.18	72.36	72.34	2
3	70.45	70.65	84.35	72.52	89.00	73.16	74.04	76.72	75.88	73.18	72.34	72.37	3
4	70.50	70.71	84.78	72.47	87.82	73.01	73.57	76.49	75.50	73.21	72.35	72.42	4
5	70.47	70.73	83.28	71.98	87.10	72.80	73.25	76.28	75.26	73.02	72.33	72.45	5
6	70.49	70.73	86.72	71.54	86.69	72.71	73.68	75.92	75.22	73.00	72.36	72.43	6
7	70.52	71.10	86.00	71.14	86.08	72.68	76.50	75.67	75.20	72.92	72.39	72.46	7
8	70.50	71.07	86.10	71.03	84.40	72.40	77.19	75.63	75.00	72.80	72.40	72.43	8
9	70.50	70.96	86.58	70.98	81.52	72.34	76.70	75.70	74.72	72.71	72.35	72.36	9
10	70.51	70.98	86.80	70.92	79.14	72.12	76.35	75.92	74.75	72.70	72.32	72.34	10
11	70.50	70.92	86.34	70.70	78.12	72.43	76.52	76.66	74.62	72.66	72.35	72.41	11
12	70.51	70.95	81.22	70.68	77.62	74.17	77.01	76.31	74.58	72.62	72.38	72.46	12
13	70.52	71.09	77.95	70.43	77.42	74.35	76.20	76.22	74.48	72.57	72.36	72.44	13
14	70.56	71.15	78.00	70.40	77.29	73.94	76.73	76.37	74.42	72.53	72.38	72.43	14
15	70.57	71.38	77.93	70.40	76.87	73.85	77.10	76.23	74.29	72.53	72.36	72.35	15
16	70.54	71.93	77.07	70.40	76.55	74.33	76.89	76.33	74.20	72.49	72.29	72.36	16
17	70.56	72.92	76.60	70.30	76.20	77.84	76.68	76.61	74.10	72.54	72.30	72.43	17
18	70.56	71.87	76.31	70.30	75.92	76.92	77.88	76.83	74.02	72.51	72.30	72.48	18
19	70.53	71.60	76.09	70.30	75.55	75.87	79.51	76.90	73.98	72.43	72.31	72.51	19
20	70.50	76.17	75.92	70.35	75.36	74.90	79.88	76.98	73.97	72.44	72.33	72.37	20
21	70.57	79.03	75.78	76.78	75.13	74.85	79.25	77.39	73.85	72.41	72.33	72.32	21
22	70.59	75.52	75.67	88.20	74.70	74.72	78.68	77.70	73.80	72.42	72.34	72.33	22
23	70.58	74.94	75.63	85.14	74.20	74.40	78.62	77.78	73.68	72.45	72.35	72.34	23
24	70.58	73.91	75.51	79.37	73.94	74.52	79.53	77.82	73.52	72.41	72.38	72.39	24
25	70.58	74.21	75.19	83.39	73.92	74.10	80.07	77.79	73.50	72.41	72.40	72.37	25
26	70.50	74.14	74.99	79.92	73.97	73.75	80.01	77.56	73.46	72.40	72.44	72.39	26
27	70.56	74.06	74.85	84.31	73.75	73.45	79.69	77.15	73.38	72.37	72.52	72.36	27
28	70.52	74.04	74.73	85.02	73.61	73.18	80.58	76.68	73.29	72.39	72.50	72.28	28
29	70.59	75.23	74.38	87.49		73.05	79.25	76.30	73.28	72.40	72.49	72.22	29
30	70.60	77.94	73.75	90.82		72.97	78.50	75.96	73.25	72.42	72.33	72.21	30
31	70.60		73.40	92.52		73.20		75.62		72.44	72.20		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE									

E - ESTIMATED
NR - NO RECORD
NF - NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 27 35	121 59 35	NE32 19N 1W	170000 126000	96.87 94.9	2/ 7/42 12/24/64	JUL 19-OCT 38 8 JAN 39-DATE	JUL 19-OCT 28 8 APR 29-DATE	1921		0.00	USED

Station located at highway bridge, 0.5 mi. S of Butte City. Maximum discharge of record listed is for period 1940 to date.
Records furnished by USGS.

8 - Irrigation season only.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
 (IN FEET)

WATER YEAR	STATION NO.	STATION NAME
1967	A02445	SACRAMENTO RIVER AT MOULTON WEIR

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1					80.63								1
2					79.88								2
3					78.36								3
4					77.39 ^A								4
5					76.86 ^A								5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E — ESTIMATED	DATE	TIME	STAGE	NR — NO RECORD	DATE	TIME	STAGE	NF — NO FLOW	DATE	TIME	STAGE
	2-1-67	1800	80.77								

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 20 18	122 01 18	SE12 17N 2W		83.8 82.14	2/7/42 1/7/65	JAN 40-DATE #	JAN 35-DATE #	1935		0.00	USED

Station located west of south end of weir, 4.6 mi. S of Princeton. Gage heights below weir crest (elevation 76.75 ft.) are not tabulated.

A - Mean gage height for period of flow.

- Flood season only.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
 (IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A02450	SACRAMENTO RIVER OPPOSITE MOULTON WEIR

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	57.35	57.50	64.53	60.20	81.13	60.74	61.75	67.13	63.31	60.20	59.34	59.24	1
2	57.31	57.54	65.61	59.88	80.26	60.55	63.21	66.30	63.09	60.15	59.30	59.27	2
3	57.36	57.54	71.66	59.73	78.50	60.36	61.61	65.15	63.73	60.15	59.29	59.34	3
4	57.40	57.58	74.91	59.62	77.40	60.19	60.86	64.75	63.41	60.22	59.27	59.37	4
5	57.37	57.64	72.37	59.19	76.61	59.92	60.47	64.46	63.06	60.03	59.26	59.42	5
6	57.38	57.66	75.83	58.71	76.12	59.80	60.74	63.97	62.97	59.97	59.28	59.40	6
7	57.42	58.01	75.44	58.26	75.55	59.67	64.13	63.53	62.95	59.92	59.32	59.45	7
8	57.41	58.07	75.43	58.08	74.13	59.31	65.54	63.42	62.73	59.77	59.33	59.41	8
9	57.42	57.93	75.82	58.00	71.41	59.18	65.15	63.43	62.32	59.68	59.27	59.35	9
10	57.42	57.93	76.08	57.94	68.32	58.95	64.61	63.63	62.31	59.65	59.25	59.33	10
11	57.39	57.91	75.77	57.72	67.24	59.10	64.67	64.66	62.17	59.64	59.27	59.38	11
12	57.40	57.94	71.27	57.55	66.33	61.27	65.38	64.46	62.06	59.60	59.30	59.46	12
13	57.42	58.07	67.44	57.34	65.94	61.62	64.56	64.13	61.95	59.57	59.30	59.45	13
14	57.44	58.16	66.86	57.25	65.74	61.27	64.87	64.39	61.85	59.53	59.31	59.45	14
15	57.46	58.26	67.21	57.22	65.18	61.18	65.49	64.18	61.66	59.53	59.29	59.39	15
16	57.43	58.89	65.93	57.18	64.75	61.65	65.32	64.23	61.51	59.49	59.20	59.38	16
17	57.44	60.25	65.11	57.12	64.21	67.09	65.01	64.56	61.41	59.53	59.20	59.44	17
18	57.46	59.11	64.65	57.10	63.87	65.93	66.05	64.92	61.31	59.52	59.20	59.50	18
19	57.44	58.70	64.29	57.09	63.33	64.08	68.52	65.05	61.23	59.41	59.19	59.55	19
20	57.41	62.76	64.04	57.15	63.04	62.75	69.22	65.09	61.21	59.42	59.23	59.41	20
21	57.46	68.11	63.86	62.80	62.76	62.27	68.87	65.64	61.07	59.41	59.23	59.32	21
22	57.48	64.38	63.70	75.42	62.19	62.30	68.03	66.10	61.01	59.41	59.25	59.33	22
23	57.50	63.27	63.61	76.06	61.56	61.84	67.74	66.36	60.83	59.44	59.24	59.34	23
24	57.48	61.55	63.48	69.49	61.22	61.92	68.74	66.43	60.66	59.42	59.28	59.38	24
25	57.50	61.81	63.12	72.46	61.18	61.55	69.61	66.48	60.64	59.41	59.32	59.37	25
26	57.42	61.73	62.78	70.31	61.25	61.04	69.56	66.23	60.55	59.37	59.37	59.39	26
27	57.45	61.61	62.62	72.73	61.04	60.66	69.33	65.70	60.45	59.31	59.46	59.35	27
28	57.45	61.57	62.48	74.49	60.86	60.31	70.11	65.04	60.34	59.33	59.44	59.28	28
29	57.48	63.98	62.03	75.96		60.12	69.02	64.44	60.32	59.35	59.46	59.18	29
30	57.47	66.97	61.33	79.25		60.02	67.85	64.03	60.29	59.37	59.31	59.17	30
31	57.49		60.86	80.27		60.18			63.56	59.40	59.25		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
E - ESTIMATED			11-21-66	0830	68.72	2- 1-67	1715	81.32	4-28-67	1315	70.52
NR - NO RECORD			12- 6-66	1445	76.26	3-17-67	1715	67.75			

NF - NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 20 13	122 01 50	SW12 17N 2W		85.5 83.0	2/ 7/42 12/24/64	MAR 54-DATE 8	OCT 22-MAY 40 # JUL 40-JUL 41 NOV 41-JUL 43 # OCT 43-DATE			0.00	USED

Station located immediately W of weir, 4.8 mi. S of Princeton.

8 - Irrigation season only.
 # - Flood season only.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
 (IN FEET)

WATER YEAR	STATION NO.	STATION NAME
1967	A02430	SACRAMENTO RIVER AT COLUSA WEIR

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DA
1					66.98								1
2					66.75								2
3			63.34 ^A		65.94								3
4			64.31		65.41								4
5			63.31		65.05								5
6				64.54	64.82								6
7				64.51	64.65								7
8				64.47	64.19								8
9				64.60	63.18								9
10				64.72	62.22 ^A								10
11				64.66									11
12				63.20									12
13				61.83 ^A									13
14													14
15													15
16													16
17													17
18													18
19													19
20								61.98 ^A					20
21								61.95 ^A					21
22													22
23													23
24													24
25								62.13 ^A					25
26								62.14					26
27								62.08					27
28								62.37 ^A					28
29								62.12					29
30													30
31													31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
E — ESTIMATED			12-5-66	1800	64.80	4-28-67	1630	62.61						
NR — NO RECORD			2-1-67	2215	67.08									
NF — NO FLOW														

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATU
			CFS	GAGE HT.	DATE			FROM	TO		
39 14 12	121 59 38	SEL7 16N 1W		70.6 68.06	3/1/40 1/7/65	JAN 40-DATE #	JAN 35-DATE #	1935		0.00	USED

Station located at north end of weir, 2.0 mi. N of Colusa. Gage heights below weir crest (elevation 61.80 ft.) are not tabulated.

A - Mean gage height for period of flow.
 # - Flood season only.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
(IN FEET)

WATER YEAR	STATION NO.	STATION NAME
	1967	A02420 SACRAMENTO RIVER AT COLUSA

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	42.50	42.51	54.92	47.27	65.67	47.71	48.65	57.67	51.84	46.85	45.49	45.28	1
2	42.49	42.54	54.49	46.59	65.46	47.48	51.26	56.46	51.44	46.72	45.38	45.34	2
3	42.49	42.58	59.58	46.33	64.47	47.12	50.11	55.13	52.00	46.71	45.37	45.43	3
4	42.48	42.63	62.78	46.16	63.80	46.86	48.58	54.27	52.13	46.82	45.31	45.52	4
5	42.48	42.71	61.60	45.64	63.38	46.49	47.82	53.80	51.51	46.61	45.31	45.59	5
6	42.37	42.76	62.94	44.96	63.13	46.24	47.65	53.12	51.21	46.44	45.32	45.58	6
7	42.43	43.17	62.92	44.25	62.92	46.10	51.31	52.32	51.17	46.34	45.40	45.62	7
8	42.43	43.50	62.85	43.86	62.43	45.62	54.64	51.87	50.95	46.20	45.40	45.58	8
9	42.44	43.26	62.99	43.70	61.36	45.32	54.91	51.76	50.41	45.98	45.31	45.53	9
10	42.45	43.24	63.13	43.59	59.78	45.05	54.19	51.91	50.25	45.94	45.28	45.47	10
11	42.41	43.21	63.06	43.33	57.76	44.86	53.86	53.06	50.13	45.91	45.30	45.57	11
12	42.39	43.23	61.55	42.96	56.33	47.71	54.79	53.55	49.93	45.86	45.38	45.69	12
13	42.41	43.35	58.58	42.69	55.64	48.83	54.40	52.96	49.83	45.81	45.41	45.77	13
14	42.43	43.61	57.04	42.47	55.33	48.81	53.90	53.16	49.67	45.75	45.40	45.76	14
15	42.45	43.72	57.68	42.39	54.67	48.53	54.92	53.00	49.41	45.72	45.39	45.73	15
16	42.43	44.38	56.32	42.32	54.01	48.27	55.03	52.90	49.17	45.64	45.28	45.65	16
17	42.42	46.72	55.00	42.21	53.14	54.99	54.06	53.22	48.99	45.71	45.22	45.73	17
18	42.45	45.80	54.15	42.16	52.55	52.54	55.16	53.78	48.85	45.74	45.20	45.83	18
19	42.43	44.75	53.50	42.10	51.73	53.92	58.55	54.13	48.68	45.57	45.19	45.94	19
20	42.37	47.76	53.04	42.13	51.16	51.96	59.79	54.16	48.62	45.55	45.24	45.93	20
21	42.43	57.29	52.72	46.68	50.78	50.56	59.87	54.84	48.44	45.55	45.27	45.60	21
22	42.46	55.17	52.47	61.51	50.05	50.59	58.87	55.55	48.28	45.53	45.27	45.58	22
23	42.52	52.87	52.29	63.44	49.16	50.01	58.29	56.13	48.02	45.59	45.25	45.57	23
24	42.46	50.17	52.11	60.45	48.51	49.79	59.15	56.34	47.70	45.58	45.29	45.62	24
25	42.52	49.76	51.75	61.40	48.35	49.63	60.20	56.49	47.59	45.55	45.33	45.58	25
26	42.44	49.73	51.11	60.95	48.41	48.77	60.25	56.31	47.46	45.49	45.42	45.57	26
27	42.40	49.48	50.80	61.32	48.23	48.13	60.18	55.70	47.31	45.41	45.34	45.50	27
28	42.45	49.32	50.61	62.48	47.92	47.53	60.49	54.79	47.13	45.40	45.59	45.42	28
29	42.46	50.97	50.04	62.90		47.10	60.06	53.80	47.03	45.43	45.59	45.23	29
30	42.46	56.54	49.11	64.45		46.93	58.73	53.07	46.97	45.48	45.45	45.17	30
31	42.48		48.16	65.22		46.88		52.32		45.54	45.31		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
2-1-67	2400	65.83									

E - ESTIMATED
NR - NO RECORD
NF - NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		REF. DATUM	
			CFS	GAGE HT.	DATE			FROM	TO		
39 12 50	121 59 55	NW29 16N 1W	49000	69.20	2/8/42	APR 20-OCT 38 8	APR 19-DATE	1921	1921	0.00 -3.0	USED USCGS

Station located just below highway bridge at Colusa. Maximum discharge of record listed is for period 1938 to date. Records furnished by USGS.

8 - Irrigation season only.

TABLE B-11 (Cont.)

TABLE B-11 (Cont.)	WATER YEAR	STATION NO.	STATION NAME
DAILY MEAN GAGE HEIGHT (IN FEET)	1967	A02984	CHEROKEE CANAL NEAR RICHVALE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.
1	2.10	1.87	5.31	3.17	6.36	2.90	5.04	3.78	3.90	3.47	3.21	3.38
2	2.50	1.91	6.54	3.16	5.54	2.86	4.26	3.69	3.93	3.35	3.14	3.47
3	2.41	1.92	7.01	3.16	4.98	2.85	3.93	3.62	3.85	3.42	3.38	3.46
4	2.15	1.92	6.08	3.20	4.66	2.99	3.77	3.56	3.80	3.69	3.31	3.39
5	2.10	1.90	8.21	3.15	4.46	3.21	3.79	3.50	3.78	3.57	3.31	3.32
6	2.05	1.96	7.12	3.06	4.21	3.26	6.44	3.45	3.64	3.48	3.36	3.33
7	2.00	2.01	5.61	3.05	4.05	3.07	6.32	3.34	3.61	3.62	3.34	3.33
8	1.94	2.35	4.81	3.03	3.93	3.03	4.92	3.29	3.59	3.72	3.35	3.39
9	1.88	2.52	4.40	3.02	3.85	3.08	4.42	3.32	3.59	3.58	3.51	3.45
10	1.86	2.45	4.69	3.01	3.78	3.14	4.15	3.35	3.57	3.51	3.39	3.45
11	1.86	2.43	4.36	3.01	3.69	3.84	5.46	3.39	3.45	3.52	3.29	3.59
12	1.86	2.68	4.03	3.01	3.63	4.31	4.52	3.67	3.52	3.46	3.23	3.57
13	1.86	2.70	3.94	3.00	3.60	4.60	4.08	3.80	3.78	3.57	3.28	3.41
14	1.85	2.67	4.24	2.97	3.32	4.18	3.89	3.72	3.68	3.60	3.35	3.36
15	1.83	2.77	3.85	2.96	3.17	3.67	3.80	3.89	3.50	3.48	3.37	3.41
16	1.82	3.81	3.73	2.95	3.11	6.07	3.74	3.80	3.40	3.47	3.22	3.10
17	1.81	3.30	3.66	2.94	3.05	5.01	3.78	3.89	3.54	3.55	3.35	2.84
18	1.81	3.01	3.59	2.94	3.06	4.12	4.70	4.23	3.71	3.63	3.17	3.07
19	1.81	3.66	3.54	2.94	3.19	3.79	4.56	4.19	3.39	3.77	3.19	2.74
20	1.81	7.75	3.50	4.59	3.19	3.71	5.35	4.08	3.81	3.50	3.08	2.60
21	1.80	5.66	3.46	9.70	3.05	3.87	4.62	3.88	3.78	3.25	3.51	2.49
22	1.80	4.63	3.41	8.28	2.93	3.69	4.85	3.56	3.72	3.38	3.52	2.44
23	1.80	3.89	3.40	6.03	2.88	3.99	4.27	3.44	3.61	3.37	3.50	2.41
24	1.83	3.54	3.41	6.90	2.86	3.76	5.57	3.65	3.46	3.32	3.49	2.37
25	1.86	3.41	3.37	5.83	3.24	3.55	4.69	3.77	3.41	3.51	3.56	2.38
26	1.86	3.34	3.33	5.64	3.43	3.42	4.24	3.69	3.41	3.56	3.72	2.27
27	1.85	3.26	3.29	6.45	3.37	3.38	4.44	3.56	3.38	3.50	3.69	2.24
28	1.83	4.02	3.27	7.84	2.99	3.40	4.32	3.55	3.49	3.45	3.69	2.21
29	1.82	6.97	3.28	8.09	3.55	3.96	3.68	3.48	3.38	3.60	2.17	
30	1.86	4.99	3.27	8.25	3.86	3.90	3.75	3.46	3.31	3.47	3.41	
31	1.87	3.23	7.77					3.91	3.18	3.41		

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	S
NR - NO RECORD	11-20-66	0515	9.44	1-21-67	2130	11.33	4-6-67	1930	8.05			
	12- 5-66	0330	9.85	3-31-67	1030	7.97						

NF - NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			D	
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE		
			CFS	GAGE HT.	DATE			FROM	TO			
39 27 53	121 44 37	NW34 19N 2E	15200 E 7260	13.80 11.26	10/13/62 1/ 6/65	JUL 60-DATE	JUL 60-DATE	1960	88.20	US		

Station located at Butte City Road Bridge, 2.1 mi. S of Richvale. Backwater from Cherokee Dam weir, 1.05 mi. below station, at times affects the stage-discharge relationship. Weir has 13 bays and is operated by the Richvale Irrigation District.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
 (IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A02967	BUTTE SLOUGH AT OUTFALL GATES

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	39.95	41.09	48.23	44.22	NR	45.33	46.61	49.14	47.34	43.06	42.79	42.75	1
2	39.89	41.20	48.56	43.74	NR	45.06	47.96	48.95	47.64	42.87	42.65	42.78	2
3	39.71	41.30	NR	43.48	NR	44.65	47.80	48.73	47.96	42.96	42.64	42.92	3
4	39.63	41.28	NR	43.32	NR	44.32	46.90	48.51	48.21	43.01	42.62	43.03	4
5	39.80	41.21	NR	42.96	NR	43.98	46.24	48.32	48.24	43.12	42.62	43.05	5
6	39.85	41.27	NR	42.56	NR	43.72	45.82	48.18	48.27	43.26	42.61	43.03	6
7	39.80	41.53	NR	41.96	NR	43.61	46.50 E	48.01	48.35	43.23	42.68	43.05	7
8	39.75	41.80	NR	41.59	NR	43.21	47.18 E	47.84	48.31	43.02	42.72	42.97	8
9	39.74	41.98	NR	41.39	NR	42.87	47.85 E	47.66	48.01	42.87	42.68	42.88	9
10	39.81	41.58	NR	41.21	NR	42.67	48.53 E	47.52	47.88	42.86	42.67 E	42.90	10
11	39.93	41.52	NR	40.96	NR	42.41	49.21	47.48	47.81	42.85	42.66 E	43.05	11
12	39.99	41.28	NR	40.58	NR	44.64	49.30	47.40	47.66	42.83	42.65 E	43.30	12
13	39.89	41.24	NR	40.31	NR	46.06	49.25	47.18	47.57	42.81 E	42.65 E	43.55	13
14	39.80	41.55	NR	40.11	NR	46.31	49.17	46.92	47.41	42.80 E	42.64 E	43.66	14
15	39.73	41.66	NR	40.11	NR	46.12	49.07	46.44	47.20	42.78 E	42.63 E	43.70	15
16	39.66	41.77	NR	39.96	NR	45.94	48.92	46.29	46.99	42.77 E	42.62 E	43.53	16
17	39.68	43.20	NR	39.74	NR	47.30	48.76	46.09	46.80	42.75 E	42.61 E	43.54	17
18	39.54	43.22	NR	39.59	NR	47.71	48.65	45.78	46.62	42.74 E	42.60 E	43.65	18
19	39.41	42.18	NR	39.48	NR	48.07	48.57	45.60	46.34	42.72 E	42.59 E	43.82	19
20	39.36	43.45	NR	39.55	NR	48.25	48.50	45.47	46.10	42.71 E	42.58 E	43.70	20
21	39.38	46.66	NR	42.42	47.86	48.33	48.60	45.25	45.93	42.69 E	42.58 E	43.42	21
22	39.40	48.18	NR	48.10	47.53	48.34	48.65	45.14	45.65	42.68 E	42.57 E	43.33	22
23	39.49	48.59	46.96	NR	46.87	48.03	48.68	45.30	45.26	42.66 E	42.56 E	43.21	23
24	39.75	48.28	46.67	NR	46.30	47.83	48.77	45.58	44.88	42.65 E	42.55 E	43.16	24
25	40.14	47.80	46.44	NR	46.08	47.74	48.77	45.79	44.68	42.63 E	42.54	42.92	25
26	40.58	47.48	46.20	NR	46.05	47.28	48.83	46.04	44.49	42.62 E	42.66	42.68	26
27	40.84	46.99	45.63	NR	45.90	46.86	48.93	46.21	44.34	42.60	42.77	42.57	27
28	41.06	46.71	45.16	NR	45.60	46.43	49.00	46.31	44.09	42.87	42.80	42.49	28
29	41.25	47.13	44.90	NR		46.07	49.26	46.49	43.78	42.95	42.78	42.28	29
30	41.22	47.80	44.64	NR		45.86	49.28	46.73	43.39	42.90	42.75	42.17	30
31	41.17		44.42	NR		45.77		47.02		42.93	42.72		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE									

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO	
39 11 44	121 56 04	NE35 16N 1W				JUN 24-OCT 38 8	JUN 24-DATE			0.00 USED
						JAN 39-DATE				

Station located 4.0 mi. E of Colusa, 3.7 mi. N of Meridian. Tributary to Sacramento River. Flow regulated by gravity culverts.

8 - Irrigation season only.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
(IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A02380	SACRAMENTO RIVER AT MERIDIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	36.47	36.67	50.54	42.48	59.63	43.01	43.71	53.08	47.30	41.58	40.24	40.16	1
2	36.37	36.70	49.47	41.70	59.58	42.77	46.27	52.29	46.84	41.46	40.21	40.13	2
3	36.14	36.76	53.63	41.40	58.78	42.39	45.79	50.88	47.20	41.45	40.16	40.15	3
4	36.52	36.81	56.94	41.20	58.19	42.10	NR	49.76	47.49	41.53	40.11	40.28	4
5	36.54	36.88	56.07	40.77	57.81	41.75	NR	49.16	46.87	41.37	40.08	40.29	5
6	36.50	36.97	57.06	40.17	57.60	41.45	NR	48.44	46.47	41.15	40.05	40.30	6
7	36.56	37.29	57.20	39.48	57.43	41.30	NR	47.60	46.36	41.04	40.04	40.31	7
8	36.58	37.78	57.22	39.02	57.06	40.90	NR	47.10	46.16	40.92	40.05	40.32	8
9	36.57	37.62	57.37	38.83	56.30	40.52	NR	46.94	45.69	40.67	40.05	40.30	9
10	36.58	37.60	57.52	38.70	55.08	40.30	NR	47.06	45.43	40.60	40.03	40.29	10
11	36.56	37.55	57.49	38.51	53.44	39.98	49.43	48.09	45.32	40.59	40.02	40.31	11
12	36.50	37.55	56.46	38.06	52.13	42.29	50.18	46.75	45.12	40.55	40.03	40.51	12
13	36.53	37.62	54.02	37.60	51.41	43.87	50.13	48.19	45.01	40.52	40.10	40.66	13
14	36.56	37.91	52.56	37.56	51.05	44.13	49.39	48.30	44.84	40.46	40.12	40.69	14
15	36.58	38.05	53.04	37.47	50.51	43.79	50.27	48.17	44.60	40.42	40.12	40.74	15
16	36.57	38.61	52.00	37.38	49.69	43.47	50.58	48.01	44.34	40.37	40.10	40.72	16
17	36.54	40.82	50.75	37.25	48.86	49.22	50.24	48.30	44.12	40.43	40.06	40.69	17
18	36.58	40.69	49.79	37.15	48.13	52.16	50.43	48.88	43.96	40.47	40.01	40.69	18
19	36.57	39.49	49.05	37.08	47.39	50.03	53.45	49.27	43.78	40.32	39.98	40.77	19
20	36.53	41.30	48.51	37.10	46.69	48.13	54.71	49.36	43.65	40.26	39.97	40.80	20
21	36.56	51.04	48.15	40.16	46.26	46.59	54.90	49.95	43.49	40.26	39.97	40.54	21
22	36.62	50.81	47.87	54.75	45.61	46.43	54.10	50.74	43.28	40.23	39.96	40.48	22
23	36.69	48.23	47.65	57.83	44.75	45.91	53.56	51.42	42.99	40.30	39.95	40.46	23
24	36.63	45.63	47.47	55.58	43.99	45.54	54.16	51.71	42.63	40.32	39.94	40.49	24
25	36.68	44.70	47.15	55.96	43.70	45.44	55.08	51.89	42.45	40.29	39.94	40.49	25
26	36.62	44.65	46.47	55.95	43.69	44.63	55.19	51.81	42.29	40.19	40.05	40.46	26
27	36.54	44.35	46.09	55.89	43.60	43.93	55.16	51.30	42.13	40.09	40.19	40.42	27
28	36.51	44.13	45.85	57.07	43.28	43.25	55.32	50.46	41.90	40.04	40.25	40.38	28
29	36.60	45.20	45.34	57.35	42.71	55.10	49.43	41.75	40.04	40.23	40.31	40.31	29
30	36.62	50.92	44.13	58.52	42.48	54.00	48.64	41.69	40.15	40.24	40.22	40.22	30
31	36.63	43.36	59.28		42.35			47.84		40.23		40.20	31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E — ESTIMATED	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
NR — NO RECORD	11-21-66	2100	52.78	12-10-66	1245	57.55	3-18-67	0530	52.69			
NF — NO FLOW	11-30-66	1845	51.92	2- 1-67	2345	59.79	4-28-67	1945	55.60			

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.O.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO	
39 08 42	121 55 00	SE13 15N 1W		64.4	3/1/40	MAR 54-OCT 54			15-DATE	
				60.59	1/7/65	JAN 55-DEC 55				0.00 USED
						MAR 56-DATE 8				

Station located 190 ft. below Meridian Bridge, State Highway 20, immediately NW of Meridian.

8 - Irrigation season only.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
 (IN FEET)

WATER YEAR	STATION NO.	STATION NAME
1967	A02320	SACRAMENTO RIVER AT RECLAMATION DISTRICT 70 PUMPING PLANT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	31.8 E	32.0 E	47.5	38.0 E	52.8	38.4 E	39.2 E	48.8	43.4	37.5	35.1	34.8	1
2	31.8 E	32.0 E	45.3	37.2 E	53.0	38.2 E	42.6 E	48.3	42.9	37.4	35.0	34.9	2
3	31.9 E	32.2 E	47.5	36.9 E	52.4	37.8 E	42.2 E	47.4	42.8	37.3	35.0	35.0	3
4	31.9 E	32.2 E	51.2	36.5	52.1	37.4 E	40.5 E	46.1	43.4	37.3	35.0	35.1	4
5	32.0 E	32.3 E	50.6	36.0	51.7	37.1 E	39.4 E	45.3	42.9	37.3	35.0	35.3	5
6	31.9 E	32.4 E	51.2	35.4	51.5	36.6 E	38.9 E	43.6	42.5	36.9	35.0	35.4	6
7	32.0 E	32.6 E	51.4	33.8	51.4	36.5 E	41.0 E	43.2	42.4	36.9	35.0	35.4	7
8	32.0 E	33.3 E	51.3	34.0	51.3	36.1 E	45.1	42.6	42.2	36.9	35.0	35.5	8
9	32.0 E	33.3 E	51.4	33.8	51.0	35.6 E	46.6	42.6	41.8	36.6	35.0	35.5	9
10	32.0 E	33.3 E	51.5	33.6	50.0	35.4 E	46.2	42.7	41.4	36.5	35.0	35.5	10
11	32.0 E	33.1 E	51.5	33.5	49.0	35.0 E	45.6	42.9	41.3	36.5	35.0	35.5	11
12	32.0 E	33.0 E	51.2	33.0	48.0	36.8 E	45.9	43.3	41.0	36.4	35.0	35.3	12
13	32.0 E	33.2 E	49.7	32.9 E	47.5	39.1 E	46.6	44.1	41.0	36.4	35.0	36.0	13
14	32.0 E	33.0	48.5	32.6 E	47.2	39.8 E	45.3	43.7	40.8	36.4	35.0	36.2	14
15	32.0 E	33.2	48.7	32.6 E	46.9	39.6 E	45.8	43.8	40.7	36.3	35.0	36.2	15
16	32.0 E	33.6	48.3	32.4 E	46.0	39.0 E	46.7	43.4	40.3	36.3	35.0	36.1	16
17	32.0 E	35.0	47.1	32.2 E	45.1	43.7 E	46.4	43.5	40.0	36.3	35.0	36.1	17
18	32.0 E	36.7	46.0	32.2 E	44.3	48.4	46.0	44.1	39.9	36.3	35.0	36.0	18
19	32.0 E	35.1	45.3	32.1 E	43.5	47.0	48.2	43.7	39.7	36.2	35.0	36.3	19
20	32.0 E	34.8	44.6	32.1 E	42.7	45.4	49.4	44.9	39.6	36.2	34.9	36.4	20
21	32.0 E	45.4	44.2	33.4 E	42.3 E	43.5	49.8	45.3	39.5	35.1	34.9	36.2	21
22	32.0 E	47.2 E	43.9	49.6	41.6 E	43.0	49.4	46.1	39.2	35.1	34.9	36.0	22
23	32.0 E	45.0	43.5	51.7	40.6 E	42.9 E	49.9	47.0	39.0	35.2	34.9	36.0	23
24	32.1 E	42.7	43.4	51.0	39.5 E	42.4 E	48.9	47.5	38.7	35.2	34.9	36.0	24
25	32.1 E	40.8	43.1	50.1	39.1 E	42.3 E	49.7	47.7	38.4	35.2	34.9	36.1	25
26	32.0 E	40.8	42.5	51.1	39.1 E	41.6 E	49.9	47.7	38.2	35.1	35.0	35.8	26
27	32.0 E	40.2	41.8	49.9	39.0 E	40.6 E	49.9	47.5	38.1	35.1	35.1	35.8	27
28	32.0 E	40.1	41.6 E	51.3	38.7 E	39.7 E	49.8	46.9	37.9	35.1	35.2	35.7	28
29	32.0 E	40.1	40.7 E	51.3		38.9 E	50.0	45.9	37.7	35.1	35.2	35.5	29
30	32.0 E	45.4	40.7 E	51.8		38.6 E	49.3	45.0	37.6	35.0	35.2	35.4	30
31	32.0 E		38.9 E	52.2		38.2 E		44.1		35.1	34.9		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
E — ESTIMATED											
NR — NO RECORD											
NF — NO FLOW											

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO	
39 04 08	121 51 43	NE16 14N 1E						25-DATE		0.00 USED

Staff located at Reclamation District 70 pumping plant, 1.7 mi. E of Grimes. Gage read daily by pump operators.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
(IN FEET)

WATER YEAR	STATION NO.	STATION NAME
1967	A02301	SACRAMENTO RIVER AT TISDALE WEIR

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			45.87 ^A		49.02			46.66					1
2			46.46 ^A		49.08			46.32 ^A					2
3			48.05		48.75			45.79 ^A					3
4			47.88		48.47								4
5					48.32								5
6				48.14	48.22								6
7				48.26	48.18								7
8				48.24	48.09								8
9				48.23	47.86								9
10				48.26	47.52								10
11				48.24	46.99								11
12				48.02	46.48								12
13				47.31	45.99 ^A								13
14				46.68	45.61 ^A								14
15				46.72									15
16				46.34 ^A									16
17				45.72 ^A									17
18													18
19								46.53 ^A					19
20								47.10					20
21				46.07 ^A					47.22				21
22				46.14 ^A					47.00				22
23					47.36 ^A				46.82				23
24					48.18				46.95				24
25					47.75				47.20				25
26					47.66				47.34				26
27					47.74				47.34				27
28					47.66				47.36				28
29					47.98				47.36				29
30					48.09				47.02				30
31					48.40								31
			45.85 ^A		48.78								

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E — ESTIMATED	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
NR — NO RECORD	11-22-66	0100	46.42	12- 7-66	0945	48.26	3-18-67	1130	46.50	5-26-67	0300	46.02
NF — NO FLOW	12- 1-66	0030	46.06	2- 2-67	0545	49.14	4-27-67	0600	47.42			

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 01 36	121 49 16	NE35 14N 1E		53.3	3/ 1/40 50.11 12/25/64	JAN 40-DATE #	JAN 35-DATE #	1935		0.00	USED

Station located west of north end of weir, 5.0 mi. SE of Grimes. Gage heights below weir crest (elevation 45.45 ft.) are not tabulated.

A - Mean gage height for period of flow.

- Flood season only.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
 (IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A02280	SACRAMENTO RIVER BELOW WILKINS SLOUGH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	29.21	29.50	44.90	NR	48.90	36.30	36.27	46.14	41.24	34.16	NR	32.57	1
2	29.15	29.52	43.40	NR	48.90	36.05	39.45	45.80	40.76	33.98	NR	32.64	2
3	29.20	29.64	45.90	NR	48.50	35.65	39.96	44.95	40.76	33.93	NR	32.79	3
4	29.30	29.68	47.60	NR	48.20	35.32	38.23	43.78	41.20	33.94	NR	33.00	4
5	29.38	29.72	47.50	33.90	48.00	34.98	37.27	43.00	40.64	33.92	NR	33.14	5
6	29.30	29.86	47.80	33.30	47.90	34.58	36.77	42.25	40.08	33.54	NR	33.27	6
7	29.32	30.07	47.90	32.60	47.80	34.38	38.81	41.35	39.86	33.38	NR	33.28	7
8	29.46	30.68	47.90	32.00	47.60	34.08	42.98	40.60	39.66	33.34	NR	33.35	8
9	29.43	30.68	47.90	31.70	47.40	33.58	44.30	40.25	39.22	33.00	32.26	33.37	9
10	29.41	30.61	47.90	31.50	47.00	33.30	43.86	40.32	38.74	32.92	32.23	33.39	10
11	29.41	30.54	47.90	31.30	46.40	32.90	43.38	41.00	38.58	NR	32.25	33.43	11
12	29.38	30.46	47.60	30.90	45.90	34.49	43.85	42.08	38.41	NR	32.36	33.78	12
13	29.36	30.51	46.80	30.60	45.40	36.90	44.15	41.68	38.34	NR	32.45	34.06	13
14	29.38	30.80	46.10	30.20	45.10	37.60	43.25	41.48	38.18	NR	32.46	34.11	14
15	29.41	31.03	46.20	30.10	44.50	37.30	43.87	41.30	37.92	NR	32.44	34.16	15
16	29.42	31.45	45.80	30.00	43.70	36.98	44.35	41.05	37.64	NR	32.34	34.08	16
17	29.40	33.35	44.90	29.80	42.80	41.10	44.07	41.22	37.34	NR	32.24	34.05	17
18	29.41	34.24	43.80	29.70	42.00	45.71	44.04	41.85	37.10	NR	32.22	34.19	18
19	29.42	33.00	43.00	29.70	41.20	44.84	45.88	42.38	36.94	NR	32.20	34.34	19
20	29.41	NR	42.40	29.70	40.50	43.26	46.52	42.60	36.76	NR	32.26	34.35	20
21	29.38	NR	42.00	31.30	40.00	41.82	46.65	43.18	36.64	NR	32.33	34.13	21
22	29.48	NR	NR	44.60	39.30	41.34	46.46	44.00	36.31	NR	32.26	33.99	22
23	29.52	NR	NR	47.90	38.30	40.84	46.31	44.82	35.98	NR	32.24	33.96	23
24	29.52	NR	NR	47.40	37.40	40.25	46.45	45.20	35.56	NR	32.21	33.97	24
25	29.52	NR	NR	47.30	37.10	40.16	46.78	45.48	35.18	NR	32.27	33.92	25
26	29.52	NR	NR	47.40	37.00	39.20	46.88	45.50	34.96	NR	32.47	33.78	26
27	29.41	NR	NR	47.30	36.90	38.30	46.87	45.22	34.76	NR	32.67	33.70	27
28	29.48	NR	NR	47.70	36.60	37.43	46.89	44.55	34.55	NR	32.81	33.66	28
29	29.47	NR	NR	47.80	36.62	46.88	43.60	34.35	34.25	NR	32.76	33.44	29
30	29.50	NR	NR	48.20	36.23	46.53	42.72	34.25	34.25	NR	32.75	33.30	30
31	29.50	NR	NR	48.60	35.99			41.90		NR	32.60		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12-11-66	0100	47.90									

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 00 35	121 49 25	NE2 13N 1E	28900	51.41	2/27/68	APR 31-OCT 38 8	AUG 31-DATE	1931		0.00	USED
			27500	49.91	12/25/64	JAN 39-DATE					

Station located 0.3 mi. below Wilkins Slough pumping plant of Reclamation District 108, 1.3 mi. below Tisdale Weir, 6 mi. SE of Grimes. Maximum discharge of record listed is for period 1938 to date. Records furnished by USGS.

B - Irrigation season only.

TABLE B-11 (Cont.)
DAILY MEAN GAGE HEIGHT
 (IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A02240	SACRAMENTO RIVER NEAR ROUGH AND READY BEND

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DA
1	21.3	21.5	37.0	28.5	42.7	29.0	30.3	39.1	35.7	27.1	24.7	25.0	1
2	21.3	21.5	35.7	27.7	42.8	28.8	32.2	38.9	35.1	27.0	24.6	25.0	2
3	21.2	21.6	36.8	27.2	42.5	28.4	33.5	37.7	34.6	26.9	24.6	25.0	3
4	21.3	21.7	39.9	26.7	42.0	28.2	32.1	37.0	34.7	26.8	24.5	25.0	4
5	21.4	21.7	40.4	26.7	41.6	27.8	31.2	36.0	34.4	26.6	24.5	25.4	5
6	21.5	21.9	40.8	26.0	41.4	27.6	30.5	35.4	33.7	26.4	24.5	25.8	6
7	21.5	22.1	41.3	25.5	41.2	27.1	31.2	34.5	33.5	25.9	24.6	25.8	7
8	21.5	22.7	41.3	24.7	41.1	27.0	35.4	33.5	33.4	25.9	24.6	25.8	8
9	21.5	23.0	41.2	24.3	41.0	26.4	37.4	33.4	33.1	25.5	24.6	25.9	9
10	21.5	23.0	41.1	24.2	40.6	26.2	37.0	33.6	32.5	25.3	24.6	26.3	10
11	21.4	22.8	41.1	24.2	40.1	25.8	31.6	34.0	32.4	25.3	24.4	26.0	11
12	21.5	22.7	41.0	23.7	39.5	26.0	36.7	35.3	32.3	25.2	24.4	26.1	12
13	21.5	22.6	40.4	23.3	38.9	29.0	37.3	35.2	32.1	25.2	24.6	26.8	13
14	21.4	22.8	39.8	23.0	38.2	30.5	36.5	34.5	32.3	25.2	24.7	25.9	14
15	21.4	22.7	39.3	22.8	37.7	30.3	36.3	34.3	32.1	25.0	24.7	26.9	15
16	21.4	23.5	38.9	22.8	36.8	30.2	37.0	33.9	31.9	25.0	24.6	26.9	16
17	21.4	24.4	38.0	22.6	35.9	32.3	36.7	34.0	31.4	25.0	24.4	26.8	17
18	21.4	26.9	36.6	22.4	35.0	39.2	36.5	34.7	31.1	25.0	24.4	26.8	18
19	21.5	25.8	35.7	22.3	34.1	39.6	37.7	35.5	31.0	25.0	24.4	26.8	19
20	21.5	25.0	34.7	22.2	33.4	38.6	38.9	36.0	31.0	25.0	24.4	27.0	20
21	21.5	30.5	34.2	22.1	32.6	37.5	39.4	36.4	30.8	24.8	24.5	27.0	21
22	21.5	36.9	33.9	33.6	32.2	36.9	39.5	37.0	30.7	24.8	24.5	26.4	22
23	21.5	35.1	33.4	41.1	31.5	36.3	39.3	38.0	30.1	24.8	24.4	26.4	23
24	21.5	33.4	33.3	41.3	30.4	35.5	39.2	39.0	29.6	24.8	24.4	26.4	24
25	21.5	31.0	33.3	40.9	29.3	35.3	39.1	39.0	28.9	24.7	24.5	26.2	25
26	21.5	30.6	32.6	41.2	29.7	34.7	39.9	39.2	28.5	24.6	24.5	26.0	26
27	21.5	30.3	32.0	40.8	29.6	33.5	39.9	39.3	28.2	24.6	24.4	25.9	27
28	21.5	30.0	31.5	41.1	29.5	32.5	39.8	38.9	28.0	24.4	24.4	25.8	28
29	21.4	29.9	31.4	41.3	31.4	39.8	38.2	27.8	24.4	24.4	25.6	29	
30	21.4	32.8	29.4	41.8	30.7	39.6	37.3	27.4	24.5	25.0	25.5	30	
31	21.4		29.0	42.4		30.2		35.5		24.6	25.1		

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
E — ESTIMATED											
NR — NO RECORD											
NF — NO FLOW											

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		RE DAT	
			CFS	GAGE HT.	DATE			FROM	TO		
38 51 45	121 47 29	NE30 12N 2E						MAR 37-DATE	1937	0.00	USE

Staff located at Reclamation District 108 drainage pumping plant, 4.5 mi. E of Robbins. Gage read twice daily during periods of pump operation and daily when pump not in operation by pump operators.

A - Daily staff gage readings.

TABLE B-11 (Cont.)

**DAILY MEAN GAGE HEIGHT
(IN FEET)**

	WATER YEAR	STATION NO.	STATION NAME
	1967	A02976	COLUSA BASIN DRAIN AT HIGHWAY 20

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	38.32	38.41	40.66	38.49	49.81	38.41	39.94	39.83	44.75	39.60	40.92	42.56	1
2	38.35	38.48	40.59	38.48	49.65	38.40	40.13	39.95	46.20	39.93	41.12	42.64	2
3	38.40	38.71	44.14	38.48	49.33	38.34	40.03	39.19	47.45	39.84	41.20	42.60	3
4	38.36	38.68	44.78	38.51	48.82	38.19	40.16	39.80	47.88	39.74	41.29	42.56	4
5	38.33	38.63	45.82	38.57	47.92	38.13	40.00	39.50	48.04	39.64	41.44	42.50	5
6	38.18	39.12	46.52	38.59	46.27	38.06	39.90	39.58	47.91	39.94	41.22	42.49	6
7	38.02	39.34	46.14	38.48	46.22	38.13	40.31	39.87	47.41	40.06	41.41	42.40	7
8	38.01	40.13	44.64	38.40	42.86	38.06	40.19	39.47	46.72	39.91	41.21	42.59	8
9	38.06	39.75	42.95	38.36	42.03	38.01	39.81	39.42	45.96	40.21	41.08	42.89	9
10	38.22	39.39	42.23	38.33	41.26	38.04	39.43	40.46	44.67	40.47	41.51	42.86	10
11	38.27	39.24	41.68	38.30	40.65	38.20	39.49	39.23	43.46	40.51	41.50	43.11	11
12	38.18	39.10	40.97	38.28	40.10	38.50	39.28	39.31	42.74	40.52	41.56	43.54	12
13	38.04	39.11	40.57	38.33	39.83	38.89	38.72	38.51	43.16	40.90	41.63	43.50	13
14	37.91	39.30	40.50	38.22	39.50	38.47	39.43	38.02	43.26	40.90	41.68	43.66	14
15	37.93	39.57	40.17	38.23	39.20	38.27	39.39	37.98	42.83	41.10	41.58	43.84	15
16	37.89	40.08	39.95	38.22	38.94	40.64	39.12	37.87	41.76	41.02	41.35	43.65	16
17	37.89	40.73	39.66	38.21	38.82	40.06	38.92	37.74	41.31	41.06	41.22	43.05	17
18	37.90	40.52	39.46	38.22	38.68	38.90	39.45	38.01	40.65	41.14	41.38	42.36	18
19	37.90	39.52	39.23	38.21	38.58	38.53	40.05	38.10	40.58	40.68	41.46	42.90	19
20	37.89	42.03	39.10	38.20	38.47	38.41	39.76	37.97	40.47	40.74	41.48	41.11	20
21	37.90	44.26	38.98	41.42	38.43	38.41	40.73	38.65	39.99	40.94	41.62	41.41	21
22	37.94	43.14	38.90	47.70	38.42	38.32	43.80	39.25	39.68	40.95	41.90	40.73	22
23	38.03	41.68	38.75	47.50	38.41	38.24	42.27	40.11	39.47	40.89	41.85	40.29	23
24	38.01	40.69	38.76	46.63	38.40	38.16	44.36	40.64	39.21	40.94	41.82	39.97	24
25	38.06	39.97	38.72	48.04	38.41	38.19	45.50	41.05	39.55	40.88	42.22	39.78	25
26	38.04	39.37	38.69	47.98	38.41	38.31	42.68	41.42	39.58	40.70	42.19	39.76	26
27	38.15	39.16	38.63	48.46	38.39	38.38	41.10	42.10	39.53	40.82	42.35	39.60	27
28	38.24	39.41	38.53	48.83	38.41	38.92	40.64	42.74	39.42	40.89	42.45	39.29	28
29	38.20	41.37	38.52	49.17		39.64	40.35	43.14	39.73	41.00	42.44	39.07	29
30	38.43	41.28	38.50	49.43		39.67	40.12	43.63	39.68	40.86	42.57	39.05	30
31	38.45		38.50	49.78		39.99		44.02		40.91	42.66		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
11-21-66	0800	44.38	1-22-67	2130	47.97	4-22-67	0730	44.21	9-15-67	2200	44.02
12- 3-66	2300	44.93	2- 1-67	0700	49.89	4-25-67	0015	46.11			
12- 6-66	1600	46.54	3-16-67	1715	41.64	6- 5-67	1800	48.09			

NF - NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
31 11 44	122 03 34	NE34 16N 2W	3140	51.93 49.38	2/21/58 1/ 8/65	JUN 24-DEC 40 8 MAY 41-DATE	JUN 24-DEC 40 8 MAY 41-DATE	1957	1957	37.09 0.00	USED

Station located at State Highway 20 Bridge, 3.0 mi. W of Colusa. Flow is return water in main drain of Reclamation District 2047, drainage chiefly from irrigation districts.

8 - Irrigation season only.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
(IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A00180	COLUSA BASIN DRAIN NEAR COLLEGE CITY

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	24.96	24.65	28.15	25.45	35.11	25.79	27.39	27.24	30.59	25.46	26.35	27.95	1
2	24.95	24.66	28.20	24.97	35.24	25.62	27.27	26.97	31.44	25.59	26.42	27.98	2
3	24.95	24.88	29.84	24.75	35.27	25.42	27.19	26.68	32.18	25.66	26.63	28.10	3
4	24.92	24.99	30.80	24.66	35.12	25.08	27.19	26.88	32.59	25.58	26.63	28.16	4
5	24.94	25.00	31.78	24.74	34.77	24.87	27.26	26.86	32.85	25.56	26.79	28.16	5
6	24.94	25.33	32.31	24.79	34.29	24.65	27.25	26.94	32.95	25.57	26.69	28.18	6
7	24.83	25.85	32.16	24.79	33.47	24.54	27.75	26.88	32.87	25.73	26.86	28.23	7
8	24.76	26.26	31.61	24.71	32.54	24.55	27.61	26.77	32.63	25.69	26.72	28.30	8
9	24.74	25.99	30.66	24.62	31.65	24.46	27.31	26.47	32.31	25.80	26.53	28.51	9
10	24.74	25.63	29.70	24.59	30.58	24.41	26.06	26.87	31.82	26.02	26.75	28.69	10
11	24.78	25.53	29.04	24.57	29.43	24.58	26.89	26.73	30.98	26.13	26.90	28.81	11
12	24.81	25.47	28.36	24.56	28.39	24.75	26.80	26.26	30.18	26.02	26.94	29.21	12
13	24.81	25.44	28.03	24.70	27.91	25.39	26.60	25.97	29.87	26.16	26.99	29.23	13
14	24.78	25.52	27.81	24.60	27.50	25.55	26.52	25.58	29.71	26.34	27.04	29.25	14
15	24.73	25.75	27.62	24.53	27.23	25.75	26.69	25.32	29.47	26.46	26.95	29.42	15
16	24.69	26.02	27.42	24.50	26.95	27.35	26.58	25.08	28.83	26.50	26.76	29.51	16
17	24.62	26.40	27.26	24.41	26.68	28.02	26.52	24.85	28.27	26.58	26.59	29.05	17
18	24.61	26.44	27.11	24.39	26.53	26.96	26.60	24.67	27.74	26.64	26.64	28.62	18
19	24.61	25.78	26.95	24.35	26.38	26.40	27.14	24.50	27.47	26.32	26.83	28.72	19
20	24.60	27.12	26.80	24.30	26.19	26.19	27.25	24.33	27.36	26.19	26.78	28.28	20
21	24.60	29.16	26.68	26.71	26.13	26.03	27.75	24.31	27.08	26.42	26.90	27.54	21
22	24.59	29.71	26.59	33.09	26.07	25.98	30.23	24.69	26.68	26.52	27.05	26.93	22
23	24.59	28.94	26.50	33.14	26.00	25.88	29.81	25.57	26.33	26.45	27.13	26.48	23
24	24.59	28.21	26.42	33.79	25.98	25.70	30.69	26.43	26.13	26.47	27.09	26.27	24
25	24.59	27.80	26.38	33.94	26.02	25.71	31.71	27.07	26.23	26.42	27.33	26.02	25
26	24.59	27.16	26.28	33.74	26.08	25.70	30.70	27.48	26.27	26.36	27.47	25.91	26
27	24.59	26.75	26.17	33.69	26.06	25.78	29.27	27.90	26.15	26.26	27.57	25.70	27
28	24.61	26.53	26.17	33.77	25.92	25.94	28.25	28.51	25.84	26.35	27.68	25.51	28
29	24.63	27.42	26.15	34.21	26.65	27.92	29.01	25.82	26.43	27.73	25.32	25.32	29
30	24.63	28.16	26.04	34.54	27.08	27.51	29.47	25.67	26.39	27.85	25.34	30	30
31	24.64		25.88	34.97		27.35		29.94		26.35	27.96		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
2-3-67	0515	35.30									

E — ESTIMATED

NR — NO RECORD

NF — NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATU
			CFS	GAGE HT.	DATE			FROM	TO		
39 00 38	121 58 38	NE4 13N 1W				OCT 44-APR 52 MAR 54-FEB 58 JUN 58-DATE	OCT 44-APR 52 MAR 54-FEB 58 JUN 58-DATE	1957	-0.34 0.00	USED	

Station located 0.1 mi. below highway bridge, 1.7 mi. E of College City. Flow is drainage chiefly from lands irrigated by Glenn-Colusa, Provident, Princeton-Codora-Glenn, Compton-Delevan, and Maxwell Irrigation Districts. Backwater from Knights Landing Outfall Gates at times affects stage-discharge relationship.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
 (IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A02945	COLUSA BASIN DRAIN AT KNIGHTS LANDING

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	22.98	22.96	27.16	24.75	32.16	25.48	26.51	26.49	28.11	24.39	24.51	24.52	1
2	22.90	23.14	27.10	23.98	32.21	25.32	26.47	26.36	28.47	24.30	24.52	24.51	2
3	22.87	23.33	27.62	23.43	32.01	25.07	26.43	26.23	28.70	24.46	24.51	24.51	3
4	22.82	23.52	28.00	23.00	31.75	24.81	26.40	26.22	29.00	24.51	24.51	24.51	4
5	22.71	23.70	28.56	22.87	31.46	24.49	26.41	26.31	29.23	24.52	24.51	24.51	5
6	22.24	23.89	28.89	22.53	31.08	24.12	26.49	26.32	29.39	24.51	24.51	24.52	6
7	21.62	24.07	28.96	22.08	30.66	23.76	26.78	26.29	29.42	24.52	24.51	24.51	7
8	21.00	24.26	28.87	21.50	30.13	23.56	26.76	26.29	29.43	24.52	24.51	24.51	8
9	20.80	24.44	28.56	21.15	29.54	23.21	26.56	26.06	29.33	24.52	24.51	24.51	9
10	20.71	24.63	28.09	21.02	28.93	22.87	26.40	26.17	29.16	24.52	24.51	24.51	10
11	20.71	24.81	27.67	20.95	28.14	22.75	26.32	26.27	28.86	24.52	24.51	24.51	11
12	20.90	25.00	27.31	20.70	27.44	23.16	26.25	26.05	28.39	24.51	24.51	24.52	12
13	20.99	25.18	27.04	20.53	27.01	24.12	26.18	25.92	28.05	24.51	24.51	24.52	13
14	20.75	25.37	26.89	20.46	26.76	25.04	26.08	25.68	27.88	24.51	24.51	24.46	14
15	20.85	25.55	26.78	20.34	26.55	25.51	26.13	25.46	27.75	24.51	24.51	24.43	15
16	20.89	25.74	26.67	20.36	26.42	26.18	26.11	25.23	27.48	24.51	24.50	24.50	16
17	20.64	25.92	26.56	20.12	26.27	26.93	26.06	25.02	27.09	24.51	24.51	24.40	17
18	20.27	26.11	26.48	20.08	26.18	26.55	26.08	24.82	26.76	24.51	24.51	24.18	18
19	20.35	26.29	26.37	20.05	26.13	26.21	26.28	24.65	26.53	24.51	24.51	24.08	19
20	20.29	26.48	26.29	19.91	26.01	26.06	26.45	24.48	26.17	24.52	24.52	24.05	20
21	20.13	26.66	26.22	20.82	25.97	25.97	26.60	24.31	26.38	24.52	24.51	24.00	21
22	20.06	26.85	26.20	28.79	25.95	25.85	27.62	24.35	26.21	24.51	24.50	23.73	22
23	20.06	27.03	26.15	29.44	25.92	25.82	27.56	24.73	26.02	24.51	24.52	23.53	23
24	20.09	27.22	26.13	29.73	25.90	25.74	28.02	25.52	25.85	24.51	24.50	23.52	24
25	20.10	26.75	26.12	30.24	25.96	25.66	28.40	26.17	25.79	24.51	24.52	23.54	25
26	20.06	26.26	26.09	30.15	25.99	25.68	28.42	26.50	25.70	24.52	24.51	23.54	26
27	20.06	25.91	26.03	30.07	25.90	25.70	27.91	26.68	25.56	24.51	24.52	23.53	27
28	20.23	25.69	26.02	29.98	25.72	25.76	27.25	27.01	25.33	24.52	24.51	23.52	28
29	21.61	25.87	25.99	30.20			26.01	26.88	27.30	25.00	24.51	24.51	29
30	22.18	26.96	25.97	30.97			26.23	26.65	27.60	24.67	24.52	24.52	30
31	22.86		25.48	31.74			26.47	27.87		24.51	24.52	23.51	31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12-7-66	1530	29.01	4-26-67	0045	28.51						
2-1-67	2215	32.27	6- 8-67	0800	29.49						

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.O.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 47 58	121 43 27	SW14 11N 2E	36.8		2/10/42	MAY 24-OCT 39 8 JAN 40-DATE	MAY 24-OCT 39 8 JAN 40-DATE	1924		0.00	USED

Station located at Knights Landing Outfall Gates, 0.3 mi. W of Knights Landing. Tributary to Sacramento River. Flow regulated by outfall gates.

b - Irrigation season only.

TABLE B-11 (Cont.)
DAILY MEAN GAGE HEIGHT
 (IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A02200	SACRAMENTO RIVER AT KNIGHTS LANDING

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	17.38	17.57	31.67	24.33	39.01	25.09	27.73	34.58	32.40	23.87	20.39	21.10	1
2	17.40	17.65	31.20	23.57	38.84	24.94	29.10	34.08	31.78	23.68	20.35	21.15	2
3	17.31	17.73	33.28	23.06	38.44	24.67	29.50	33.29	31.12	23.46	20.31	21.25	3
4	17.40	17.72	35.65	22.65	38.00	24.45	28.59	32.15	30.90	23.30	20.24	21.43	4
5	17.59	17.83	36.23	22.54	37.69	24.13	27.71	31.30	30.34	22.93	20.31	21.58	5
6	17.60	18.05	36.95	22.16	37.44	23.73	27.37	30.68	30.06	22.37	20.37	21.76	6
7	17.60	18.32	37.34	21.69	37.27	23.37	29.40	29.98	30.00	22.05	20.36	21.80	7
8	17.62	18.95	37.26	21.10	37.10	23.15	32.19	29.42	29.95	21.91	20.37	21.88	8
9	17.52	19.21	37.11	20.79	36.89	22.82	33.05	29.92	29.70	21.49	20.31	22.02	9
10	17.55	19.06	36.97	20.59	36.58	22.50	32.81	30.12	29.36	21.23	20.22	22.18	10
11	17.50	18.88	36.90	20.47	36.11	22.31	32.48	30.88	29.20	21.13	20.25	22.28	11
12	17.50	18.80	36.79	20.14	35.51	23.34	32.70	31.60	29.03	21.16	20.32	22.53	12
13	17.59	18.75	36.39	19.84	34.67	25.55	32.79	30.38	29.00	21.17	20.49	22.85	13
14	17.48	18.90	35.78	19.57	33.88	26.80	32.13	30.72	29.15	21.17	20.56	23.06	14
15	17.45	19.30	35.09	19.49	33.12	26.67	32.01	30.27	28.91	21.12	20.51	23.09	15
16	17.49	19.72	34.27	19.38	32.20	26.60	32.33	29.95	28.60	21.12	20.40	23.10	16
17	17.45	21.34	33.03	19.19	31.28	31.49	32.12	30.24	28.37	20.96	20.30	23.07	17
18	17.48	22.69	31.69	19.09	30.42	35.90	32.10	31.00	28.31	21.01	20.20	23.04	18
19	17.50	21.76	30.54	18.90	29.72	36.22	33.18	31.74	28.31	20.98	20.28	23.08	19
20	17.48	21.41	29.79	18.87	28.95	35.72	34.03	32.27	28.28	20.80	20.33	23.10	20
21	17.42	27.10	29.21	NR	28.40	35.07	34.53	NR	28.08	20.71	20.42	22.76	21
22	17.42	31.07	28.89	NR	27.85	34.40	34.73	NR	27.60	20.73	20.38	22.46	22
23	17.43	30.01	28.59	37.31	27.12	33.58	34.65	NR	27.22	20.71	20.38	22.27	23
24	17.52	28.14	28.31	37.24	26.33	32.98	34.58	NR	26.61	20.65	20.32	22.17	24
25	17.48	26.42	27.99	37.07	25.90	32.70	35.02	35.37	25.78	20.48	20.40	22.03	25
26	17.45	25.87	27.49	36.89	25.75	31.92	35.23	35.60	25.38	20.46	20.61	21.88	26
27	17.40	25.50	26.88	36.74	25.60	30.72	35.24	35.58	25.20	20.43	20.78	21.80	27
28	17.41	25.22	26.52	36.84	25.35	29.38	35.24	35.30	24.95	20.30	20.97	21.68	28
29	17.32	25.39	26.26	37.39	28.25	35.23	34.86	24.55	24.55	20.30	21.02	21.50	29
30	17.30	25.43	25.76	38.15	27.57	35.02	34.14	24.20	20.37	21.08	21.37	30	
31	17.36		25.07	38.73	27.12			33.32		20.38	21.10		

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
E — ESTIMATED			2-1-67	1500	39.04						
NR — NO RECORD											
NF — NO FLOW											

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		REF. DATUM
			CFS	GAGE NT.	DATE			FROM	TO	
38 48 10	121 42 55	NE1/4 11N 2E		41.83	2/ 8/42	JUL 19-OCT 38 8	JUL 19-DATE	1921		0.00 -3.02 USED USCGS

Station located just above the Southern Pacific Railroad Bridge, 13.1 mi. above Feather River immediately NE of Knights Landing. Station affected by backwater from Feather River and Sutter Bypass during periods of high flow. Maximum discharge of record listed is for period 1940 to date. Records furnished by USGS.

8 - Irrigation season only.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
 (IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A02972	BUTTE SLOUGH NEAR MERIDIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	39.79	40.76	47.03	43.62	57.24	44.66	45.77	48.04	46.17	42.72	42.58	42.54	1
2	39.75	40.82	47.35	43.21	57.78	44.38	46.65	47.84	46.37	42.53	42.43	42.55	2
3	39.63	40.93	47.77	42.95	57.30	44.01	46.74	47.62	46.56	42.65	42.40	42.68	3
4	39.51	40.93	49.56	42.80	56.42	43.69	46.16	47.37	46.73	42.68	42.40	42.80	4
5	39.62	40.86	52.55	42.54	55.56	43.40	45.74	47.15	46.73	42.77	42.41	42.78	5
6	39.70	40.88	53.22	42.30	54.88	43.16	45.59	47.03	46.82	42.92	42.36	42.76	6
7	39.67	41.06	53.93	41.92	54.43	43.06	46.40	46.86	46.92	42.90	42.42	42.76	7
8	39.62	41.27	54.05	41.65	54.02	42.79	47.07	46.69	46.95	42.72	42.47	42.71	8
9	39.59	41.56	54.05	41.50	53.42	42.47	47.46	46.54	46.83	42.57	42.47	42.58	9
10	39.62	41.20	54.07	41.35	52.46	42.31	47.79	46.43	46.78	42.57	42.43	42.60	10
11	39.71	41.16	54.06	41.19	51.21	42.09	48.08	46.39	46.78	42.53	42.45	42.73	11
12	39.78	40.95	53.79	40.99	50.16	43.54	48.20	46.34	46.67	42.53	42.50	42.94	12
13	39.71	40.88	52.71	40.85	49.30	45.11	48.13	46.19	46.62	42.60	42.60	43.21	13
14	39.63	41.22	51.52	40.77	48.71	45.41	48.08	46.02	46.50	42.54	42.66	43.34	14
15	39.58	41.37	50.33	40.85	48.19	45.27	47.97	45.67	46.34	42.48	42.63	43.42	15
16	39.50	41.45	49.39	40.77	47.87	45.11	47.80	45.54	46.18	42.53	42.55	43.26	16
17	39.51	42.47	48.67	40.60	47.57	46.01	47.61	45.35	46.03	42.62	42.40	43.20	17
18	39.45	42.90	48.05	40.45	47.31	46.32	47.52	45.07	45.89	42.72	42.44	43.27	18
19	39.33	42.02	47.52	40.34	47.13	46.58	47.40	44.90	45.69	42.59	42.39	43.43	19
20	39.26	42.66	47.10	40.35	46.32	46.91	47.31	44.81	45.49	42.55	42.40	43.35	20
21	39.26	45.25	46.67	41.79	46.61	47.10	47.43	44.62	45.36	42.54	42.42	43.10	21
22	39.28	46.90	46.29	46.49	46.35	47.20	47.47	44.55	45.14	42.50	42.40	42.99	22
23	39.32	47.34	45.96	52.84	45.90	47.08	47.50	44.67	44.79	42.56	42.31	42.87	23
24	39.51	47.44	45.74	53.70	45.48	46.94	47.61	44.90	44.46	42.56	42.26	42.78	24
25	39.30	47.05	45.56	53.24	45.30	46.85	47.59	45.06	44.23	42.50	42.31	42.56	25
26	40.21	46.72	45.37	53.13	45.24	46.59	47.64	45.24	44.02	42.46	42.42	42.25	26
27	40.48	46.28	44.94	52.60	45.14	46.28	47.75	45.38	43.87	42.42	42.53	42.14	27
28	40.69	46.02	44.51	53.03	44.90	45.94	47.84	45.86	43.63	42.60	42.55	42.06	28
29	40.86	46.26	44.24	53.54		45.66	48.07	45.58	43.29	42.69	42.51	41.89	29
30	40.88	46.72	44.00	54.60		45.41	48.18	45.75	42.97	42.67	42.52	41.77	30
31	40.84		43.79	56.14		45.35		45.95		42.73	42.50		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
E — ESTIMATED			11-24-66	0330	47.64	2-2-67	1045	57.89	4-12-67	0815	48.22
NR — NO RECORD			12-10-66	1715	54.11	3-22-67	1200	47.25			

NF — NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B. & M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 10 05	121 53 28	NE7 15N 1E				JAN 39-DATE	NOV 34-MAY 37 #	1934		0.00	USED
						OCT 37-DATE					

Station located on right bank .5 mi. upstream from Farmland Road 1.7 mi. NE of Meridian. Tributary to Sutter Bypass. Flow affected by gate operation. Flow during summer months is made up almost entirely of return water from lands irrigated by Feather River diversions. During flood periods, Sacramento River water enters Butte Basin above Butte City from bank spill and spill over Moulton and Colusa Weirs.

* Replaces Butte Slough at Mawson Bridge station.

- Flood season only.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
(IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A05935	SUTTER BYPASS AT LONG BRIDGE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			40.42		50.09		39.70	42.23	41.34	NR	40.90	40.75	1
2			40.48	50.67	40.64		42.09	NR	NR	NR	40.83	40.78	2
3			40.71	50.28		41.08	41.92	NR	NR	NR	40.80	40.82	3
4			41.60	49.42		40.58	41.72	NR	NR	NR	40.79	40.77	4
5			44.68	48.55		40.12	41.38	NR	NR	NR	40.80	40.65	5
6			45.67	47.85		39.89	41.58	41.67	NR	NR	40.76	40.53	6
7			46.64	47.34		40.35	41.51	41.75	NR	NR	40.80	40.49	7
8			46.84	46.90		41.21	41.36	41.78	40.87	40.83	40.83	40.47	8
9			46.84	46.32		41.61	41.24	41.70	40.85	40.84	40.84	40.41	9
10			NR	45.45		41.88	41.13	41.64	40.94	40.82	40.82	40.40	10
11			NR	44.30		42.13	41.13	41.67	40.93	40.84	40.84	40.41	11
12			NR	43.63		42.26	41.33	41.60	40.93	40.86	40.86	40.18	12
13			NR	43.00		42.25	41.21	41.54	40.95	40.94	40.94	40.11	13
14			44.18	42.54	39.25	42.20	41.08	NR	40.93	40.97	40.97	40.16	14
15			43.53	42.17	39.36	42.14	40.91	NR	40.95	40.77	40.77	40.17	15
16			42.87	41.86	39.30	42.00	41.22	NR	41.02	40.72	40.72	40.10	16
17			42.32	41.61	39.84	41.86	41.12	NR	41.05	40.79	40.79	39.76	17
18			41.87	41.39	40.34	41.76	40.91	NR	41.09	40.88	40.88	39.46	18
19			41.35	41.20	40.64	41.66	40.76	NR	40.93	40.80	40.80	39.45	19
20			41.00	40.85	40.88	41.59	40.73	NR	41.02	40.80	40.80	40.20	20
21			40.70	40.66	41.25	41.69	41.12	NR	41.05	40.82	40.82		21
22		39.60	40.39	39.57	40.49	41.37	41.73	41.38	NR	41.05	40.80		22
23		39.83	40.11	44.81	40.14	41.34	41.74	41.54	NR	41.07	40.75		23
24		40.25	39.86	46.51	39.71	41.17	41.85	41.53	NR	41.09	40.70		24
25		40.34	39.66	46.02	39.46	41.13	41.82	41.51	NR	41.05	40.73		25
26		40.20	39.50	45.92	39.32	40.82	41.85	41.48	NR	41.08	40.81		26
27		39.95	39.00	45.37	39.25	40.56	41.93	41.56	NR	41.09	40.88		27
28		39.81		45.71	39.06	40.26	42.01	41.58	NR	41.12	40.84		28
29		39.80		46.26	39.94	42.16	41.37	NR	41.15	40.75			29
30		40.01		47.36	39.63	42.29	41.32	41.28	NR	41.14	40.75		30
31				48.99	39.51				NR	41.07	40.74		

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
E — ESTIMATED	12- -66		NR	2- 2-67	1400	50.75						
NR — NO RECORD	1-24-67	0200	46.78	4-30-67	1200	42.29						
NF — NO FLOW												

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.O.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 08 46	121 50 31	SE15 15N 1E	57.7	53.23	3/ 1/40 12/25/64			14-DATE		0.00	USED

Station located on west levee, 0.2 mi. N of State Highway 20, 3.9 mi. E of Meridian. Gage heights below 39.0 ft. are not indicative of flow in channel and have not been listed.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
(IN FEET)

WATER YEAR		STATION NO.	STATION NAME										
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	39.08	39.17	40.23	39.04	47.71	39.03	40.47	39.02	41.96	39.19	39.81	40.07	1
2	39.30	39.03	41.45	39.01	48.07	39.08	40.08	39.36	42.64	39.19	40.29	40.18	2
3	39.34	39.20	42.95	38.97	47.58	39.05	40.43	39.54	42.47	39.18	40.34	40.31	3
4	39.23	39.14	41.77	38.96	46.59	39.02	40.63	39.59	42.16	39.09	40.26	40.06	4
5	39.36	39.34	44.25	38.95	45.67	38.98	40.89	40.10	42.09	39.21	40.31	40.16	5
6	39.39	39.45	44.68	38.92	44.89	38.52	43.30	40.39	42.11	39.32	40.02	40.46	6
7	39.62	39.86	44.50	38.90	44.36	38.81	44.10	40.12	41.69	39.43	40.44	40.58	7
8	39.61	39.57	44.37	38.91	43.90	38.86	42.12	39.43	41.44	39.29	40.30	40.40	8
9	39.72	39.18	44.20	38.87	43.34	38.86	41.03	39.89	41.23	39.38	40.06	40.56	9
10	39.71	39.03	44.14	38.85	42.62	38.81	40.62	39.71	41.49	39.52	40.14	40.59	10
11	40.05	39.00	44.08	38.80	41.77	38.93	40.68	39.98	41.59	39.60	40.28	41.35	11
12	39.98	39.79	43.87	38.75	40.92	39.23	40.31	39.64	41.27	39.99	40.58	41.33	12
13	39.74	38.78	43.03	38.73	40.31	39.26	40.07	39.44	41.18	40.24	40.68	41.42	13
14	39.81	39.31	42.15	38.71	39.88	39.46	39.92	39.84	40.84	40.15	40.61	41.40	14
15	39.60	38.90	41.23	38.69	39.68	39.19	39.99	39.30	40.76	40.08	40.35	41.44	15
16	39.68	39.23	40.28	38.70	39.60	39.62	39.91	38.75	40.56	40.25	40.33	41.38	16
17	39.72	39.20	39.78	38.68	39.55	39.93	39.89	38.66	40.29	40.22	40.56	41.02	17
18	39.84	39.00	39.64	38.67	39.52	39.58	40.01	38.59	40.42	40.20	40.29	41.01	18
19	39.63	39.21	39.58	38.66	39.47	39.45	39.88	38.56	40.34	39.94	40.13	41.20	19
20	39.30	41.58	39.54	36.10	39.40	39.38	39.85	38.60	40.13	39.88	40.17	40.94	20
21	39.20	41.15	30.41	44.43	39.35	39.35	40.72	39.12	40.36	39.56	40.45	40.56	21
22	39.16	40.19	39.39	46.06	39.32	39.29	40.38	39.53	40.25	39.82	40.19	40.52	22
22	39.05	39.76	39.34	44.63	39.28	39.25	40.06	39.73	39.79	40.02	40.00	40.27	23
24	39.00	39.54	39.32	45.43	39.29	38.75	40.81	40.04	39.63	40.15	40.20	40.18	24
25	39.05	39.37	39.30	44.38	39.32	39.04	40.27	40.09	39.57	40.00	40.83	40.04	25
26	39.09	39.23	39.23	44.00	39.26	39.04	40.00	39.88	39.76	39.93	40.53	40.07	26
27	39.35	39.14	39.15	44.00	39.23	39.11	39.93	40.30	40.17	39.95	40.58	40.03	27
28	39.29	39.50	39.14	44.95	39.15	39.21	39.84	40.79	39.57	39.91	40.40	40.00	28
29	39.28	41.26	39.14	46.03	39.37	39.70	40.73	39.36	39.91	40.39	39.82	39.82	29
30	39.19	40.51	39.11	46.96	40.13	39.60	40.48	39.17	39.74	40.48	40.19	40.19	30
31	39.21			39.08	47.40		41.40	40.85		40.23	40.39		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12-15-66	1930	45.33									
2- 2-67	1420	48.15									

NF - NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD FROM	ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE					
39 09 12	121 44 00	NE15 15N 2E	51.19	12/25/64		MAR 61-DATE	MAR 61-DATE	1961	0.00	USED

Station located at South Butte Road Bridge, 0.9 mi. E of Sutter. Tributary to Sutter Bypass. This station and one 2.2 mi. downstream are used to determine the slope for rating of canal. Prior records, January 1939 to March 1961, available at a site approximately 0.3 mi. upstream.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
 (IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A02308	TISDALE BYPASS AT RECLAMATION DISTRICT 1660 PUMPING PLANT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	22.14	22.30	28.94	25.42	44.98	26.70	28.20	33.25 E	32.16	23.72	23.70	25.26	1
2	22.20	22.30	29.80	25.18	45.54	26.30	28.30	33.33 E	32.06	23.60	23.64	24.76	2
3	22.18	22.28	30.70	24.34	45.22	26.00	28.90	33.40	31.94	23.56	24.22	25.30	3
4	22.18	22.30	39.14	24.18	44.28	25.80	29.36	32.70	31.70	23.56	25.40	25.40	4
5	22.18	22.78	39.18	24.10	43.20	25.50	29.24	32.18	31.44	23.72	26.00	25.30	5
6	22.16	22.60	40.01	23.98	42.46	25.30	28.40	31.60	31.40	23.70	26.46	25.26	6
7	22.14	23.04	41.12	23.94	41.86	24.90	28.90	31.00	31.30	23.70	26.66	25.06	7
8	22.16	23.00	41.40	23.70	41.36	24.70	30.38	30.54	31.16	23.66	26.24	25.00	8
9	22.16	22.90	41.40	23.50	40.64	24.50	31.30	30.02	31.12	23.40	26.00	24.88	9
10	22.14	23.00	41.46	23.36	39.46	24.30	31.68	29.96	30.94	23.50	25.90	24.70	10
11	22.14	22.88	41.50	23.22	37.94 E	24.10	31.90	30.08	30.80	23.50	25.92	24.28	11
12	22.14	22.70	41.30	23.10	36.12 E	23.96	32.00	30.36	30.68	23.40	25.10	24.40	12
13	22.12	22.78	39.68	23.04	34.90	24.60	32.20	30.32	30.60	23.40	25.20	24.66	13
14	22.10	22.50	38.28 E	22.90	34.00	26.14	32.20	29.96	30.40	23.38	25.34	24.68	14
15	22.10	22.60	36.95 E	22.80	33.50	26.84	32.20	29.40	30.24	23.38	25.38	24.88	15
16	22.10	23.10	35.63 E	22.80	33.12	27.10	32.10	28.88	30.00	23.30	25.28	25.40	16
17	22.08	23.10	34.30	22.72	32.80	27.56	31.92	28.44	29.66	23.36	24.90	25.26	17
18	22.10	23.30	33.60	22.70	32.36	33.90	31.86	28.80	29.20	23.34	24.80	25.30	18
19	22.14	23.90	33.20	22.68	31.90	34.90	32.38	29.38	29.14	23.58	24.90	25.28	19
20	22.18	24.30	32.72	22.74	31.36	34.80	32.45 E	30.02	28.98	24.30	24.74	25.20	20
21	22.16	24.66	32.00	22.80	30.78	34.30	32.53 E	30.34	28.44	24.88	24.66	25.16	21
22	22.14	28.74	31.24	26.30	30.24	33.80	32.60 E	31.06	28.10	25.56	24.72	25.36	22
23	22.12	28.60	30.40	40.02	29.60	33.30	32.67 E	31.52	27.60	23.78	24.66	25.10	23
24	22.10	28.70	29.64	41.50	29.00	32.80	32.74 E	32.26	27.00	23.34	24.56	24.96	24
25	22.10	28.60	28.80	40.08	28.40	32.50	32.82 E	32.88	25.90	23.30	23.80	24.68	25
26	22.08	28.80	28.20	40.30	27.80	32.30	32.89 E	33.60	25.26	23.40	23.88	24.30	26
27	22.08	28.26	27.70	39.30	27.30	31.80	32.96 E	33.56	24.88	23.36	24.90	24.20	27
28	22.06	28.16	27.20	40.26	27.00	31.10	33.04 E	33.56	24.72	23.30	24.96	23.78	28
29	22.64	28.26	26.20	40.76	30.36	33.11 E	33.30	24.58	23.60	25.26	23.68	29	
30	22.50	27.90	25.70	41.76	29.30	33.18 E	32.86	24.00	23.80	24.96	23.56	30	
31	22.30		25.54	43.76		28.80		32.48		23.88	25.34		

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
E — ESTIMATED														
NR — NO RECORD														
NF — NO FLOW														

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO	
39 01 44	121 46 53	SE30 14N 2E				JAN 25-DATE			0.00	USED

Staff located on north levee at Reclamation District 1660 drainage pumping plant, 2.1 mi. E of Tisdale Weir, 6.8 mi. SE of Grimes. Gage read twice daily by pump operators.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
 (IN FEET)

WATER YEAR		STATION NO.	STATION NAME
1967	A02927	SUTTER BYPASS AT RECLAMATION DISTRICT 1500 PUMPING PLANT	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	13.57	13.70	27.13	20.00	37.38	21.57	25.60	30.83	29.93	21.00	15.73	16.96	1
2	13.58	13.70	27.30	19.59	37.03	21.43	26.30	30.13	29.40	20.73	15.82	16.90	2
3	13.60	13.70	30.07	19.09	36.58	21.18	26.43	29.43	28.60	20.49	15.60	17.02	3
4	13.60	13.80	32.23	18.70	36.03	21.03	25.93	28.67	28.13	20.13	15.60	17.15	4
5	13.62	13.97	33.25	18.61	35.57	20.71	25.03	27.97	27.67	19.57	15.77	17.20	5
6	13.66	14.13	34.58	18.37	35.20	20.29	25.07	27.43	27.53	18.93	15.80	17.37	6
7	13.62	14.40	35.09	18.02	34.91	19.93	27.33	26.87	27.53	18.57	15.70	17.47	7
8	13.61	15.13	34.93	17.63	34.65	19.76	29.30	26.53	27.57	18.30	15.70	17.63	8
9	13.58	15.27	34.69	17.33	34.74	19.51	29.57	26.80	27.40	17.47	15.70	17.33	9
10	13.55	15.10	34.49	17.18	33.98	19.25	29.33	27.60	27.20	17.10	15.68	17.83	10
11	13.54	14.93	34.38	17.03	33.34	19.26	29.23	28.53	27.00	16.97	15.64	17.97	11
12	13.55	14.80	34.26	16.82	32.51	20.53	29.37	28.87	26.93	17.13	15.74	18.24	12
13	13.55	14.70	33.84	16.56	31.47	21.87	29.17	28.53	26.77	17.07	15.95	18.52	13
14	13.55	14.93	32.98	16.38	30.50	23.60	28.67	27.87	27.00	17.12	16.11	18.55	14
15	13.51	15.43	31.84	16.36	29.87	23.50	28.40	27.33	26.80	16.97	16.09	18.51	15
16	13.49	15.87	30.85	16.24	28.77	23.80	28.30	27.10	26.50	16.90	16.08	18.54	16
17	13.47	18.03	29.57	16.08	27.97	29.37	28.20	27.57	26.30	16.60	16.01	18.55	17
18	13.42	18.63	28.40	15.95	27.30	31.10	28.40	28.40	26.20	16.47	15.92	18.51	18
19	13.43	17.43	27.30	15.76	26.57	34.43	29.17	29.23	26.30	16.87	16.02	18.64	19
20	13.43	17.87	26.30	15.75	25.87	34.13	30.00	29.83	26.37	16.47	16.09	18.51	20
21	13.43	23.30	25.40	17.64	25.07	33.50	30.73	30.37	26.13	16.37	16.19	18.24	21
22	13.41	25.73	24.83	29.09	24.47	32.60	31.13	31.07	25.60	16.43	16.19	18.06	22
23	13.37	25.48	24.27	35.30	23.77	31.67	31.13	31.73	25.13	16.40	16.12	17.91	23
24	13.34	24.00	23.77	35.23	23.16	31.20	31.00	32.33	24.40	15.97	16.10	17.74	24
25	13.34	22.40	23.33	34.96	22.70	30.83	31.30	32.80	23.40	15.80	16.05	17.55	25
26	13.34	20.97	27.77	34.60	22.40	30.00	31.53	33.07	22.85	15.97	16.12	17.45	26
27	13.31	20.47	22.10	34.34	22.10	28.90	31.53	32.77	22.67	16.15	16.26	17.37	27
28	13.29	20.28	21.63	34.46	21.77	27.67	31.60	33.13	22.43	15.97	16.48	17.26	28
29	13.32	20.73	21.40	35.27		26.53	31.53	32.33	21.87	15.88	16.54	17.21	29
30	13.36	24.93	21.07	36.33		25.57	31.33	31.70	21.43	15.89	16.64	16.96	30
31	13.41		20.60	37.07		25.00		30.83		15.73	16.81		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
11-22-66	1700	25.90	1-23-67	1700	35.40	3-19-67	0700	34.50	5-28-67	0700	33.80
12-7-66	0700	35.10	2-1-67	0600	37.43	4-26-67	2230	31.60			

NF - NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		

Station located on west levee, 3.7 mi. SE of Knights Landing.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
 (IN FEET)

WATER YEAR	STATION NO.	STATION NAME
1967	A02170	SACRAMENTO RIVER AT FREMONT WEIR, WEST END

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	15.22	15.41	29.09	21.85	37.18	23.00	26.40	32.32	30.96	22.18	17.75	18.56	1
2	15.26	15.48	28.95	21.28	36.97	22.87	27.42	31.72	30.29	21.96	17.78	18.58	2
3	15.20	15.55	31.30	20.77	36.60	22.63	27.67	30.96	29.46	21.72	17.72	18.68	3
4	15.26	15.61	33.55	20.40	36.17	22.41	26.95	29.81	29.02	21.46	17.66	18.85	4
5	15.39	15.71	34.30	20.30	35.82	22.10	26.13	29.15	28.52	21.03	17.70	18.96	5
6	15.43	15.89	35.14	19.95	35.57	21.72	25.91	28.58	28.38	20.43	17.74	19.10	6
7	15.41	16.16	35.48	19.49	35.35	21.37	28.13	27.97	28.40	20.04	17.72	19.12	7
8	15.42	16.75	35.36	19.05	35.16	21.20	30.45	27.61	28.36	19.77	17.70	19.25	8
9	15.36	17.02	35.17	18.76	34.94	20.89	31.06	27.93	28.15	19.22	17.66	19.43	9
10	15.37	16.83	35.02	18.61	34.65	20.62	30.76	28.70	27.91	18.92	17.59	19.52	10
11	15.36	16.69	34.94	18.47	34.23	20.68	30.53	29.55	27.75	18.82	17.60	19.62	11
12	15.37	16.59	34.84	18.20	33.63	21.73	30.72	30.00	27.60	18.88	17.70	19.83	12
13	15.39	16.57	34.52	17.92	32.68	23.64	30.63	29.68	27.62	18.88	17.84	20.08	13
14	15.29	16.70	33.92	17.70	31.82	24.98	30.00	28.95	27.80	18.85	17.92	20.23	14
15	15.26	17.06	33.01	17.69	30.94	24.83	29.81	28.43	27.53	18.80	17.89	20.23	15
16	15.28	17.50	31.99	17.56	30.02	24.89	29.98	28.27	27.25	18.74	17.81	20.23	16
17	15.25	19.57	30.67	17.37	29.13 E	30.32	29.71	28.72	27.05	18.51	17.72	20.23	17
18	15.29	20.47	29.28	17.25	28.32 E	34.45	29.81	29.52	27.06	18.50	17.66	20.24	18
19	15.28	19.40	28.06	17.07	27.54 E	34.93	30.81	30.31	27.08	18.59	17.71	20.28	19
20	15.27	19.09	27.24	17.02	26.79	34.63	31.70	30.86	27.10	18.44	17.79	20.32	20
21	15.25	24.10 E	26.67	19.01	26.23	34.14	32.27	31.47	26.85	18.30	17.88	20.02	21
22	15.20	28.09	26.34	31.27	25.69	33.39	32.62	32.17	26.30	18.28	17.84	19.80	22
23	15.22	27.33	25.99	35.61	25.01	32.53	32.59	32.85	25.90	18.24	17.82	19.68	23
24	15.26	25.64	25.64	35.52	24.30	31.98	32.50	33.44	25.20	18.08	17.78	19.57	24
25	15.22	23.94	25.33	35.40	23.91	31.65	32.77	33.80	24.32	17.90	17.82	19.42	25
26	15.23	23.13	24.79	35.14	23.72	30.84	32.99	34.06	23.87	17.95	17.95	19.30	26
27	15.16	22.60	24.20	34.93	23.52	29.57	33.00	34.05	23.74	17.98	18.09	19.22	27
28	15.17	22.32	23.80	35.02	23.25	28.17	33.01	33.83	23.43	17.83	18.30	19.11	28
29	15.10	22.49	23.55	35.59	27.01	33.00	33.41	22.97	17.79	18.37	19.01	19.01	29
30	15.15	26.98	23.12	36.37	26.20	32.80	32.71	22.57	17.83	18.44	18.44	18.30	30
31	15.23		22.57	36.93		25.75		31.86		17.77	18.50		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
E — ESTIMATED			11/22/66	1510	28.23	1/23/67	1420	35.70	3/19/67	0640	35.01
NR — NO RECORD			12/7/66	1540	35.51	2/1/67	0700	37.22	4/29/67	0650	33.10
NF — NO FLOW									5/27/67	0500	34.15

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO	
38 45 34	121 39 59	NW32 11N 3E		39.7	12/23/55			AUG 34-DATE	1934	0.00 USED

Station located 0.1 mi. W of weir, 4.0 mi. SE of Knights Landing.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT (IN FEET)			WATER YEAR	STATION NO.	STATION NAME
			1967	A02160	SACRAMENTO RIVER AT FREMONT WEIR, EAST END

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	NR	NR	NR	NR	36.62	NR	NR	NR	NR	NR	NR	NR	1
2	NR	NR	NR	NR	36.40	NR	NR	NR	NR	NR	NR	NR	2
3	NR	NR	NR	NR	36.04	NR	NR	NR	NR	NR	NR	NR	3
4	NR	NR	NR	NR	35.61	NR	NR	NR	NR	NR	NR	NR	4
5	NR	NR	33.81 A	NR	35.25	NR	NR	NR	NR	NR	NR	NR	5
6	NR	NR	34.52	NR	34.95	NR	NR	NR	NR	NR	NR	NR	6
7	NR	NR	34.87	NR	34.74	NR	NR	NR	NR	NR	NR	NR	7
8	NR	NR	34.76	NR	34.55	NR	NR	NR	NR	NR	NR	NR	8
9	NR	NR	34.57	NR	34.37	NR	NR	NR	NR	NR	NR	NR	9
10	NR	NR	34.44	NR	34.06	NR	NR	NR	NR	NR	NR	NR	10
11	NR	NR	34.36	NR	33.68 A	NR	NR	NR	NR	NR	NR	NR	11
12	NR	NR	34.26	NR	NR	NR	NR	NR	NR	NR	NR	NR	12
13	NR	NR	33.97	NR	NR	NR	NR	NR	NR	NR	NR	NR	13
14	NR	NR	33.62 A	NR	NR	NR	NR	NR	NR	NR	NR	NR	14
15	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	15
16	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	16
17	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	17
18	NR	NR	NR	NR	NR	34.23 A	NR	NR	NR	NR	NR	NR	18
19	NR	NR	NR	NR	NR	34.45	NR	NR	NR	NR	NR	NR	19
20	NR	NR	NR	NR	NR	34.25	NR	NR	NR	NR	NR	NR	20
21	NR	NR	NR	NR	NR	33.83 A	NR	NR	NR	NR	NR	NR	21
22	NR	NR	34.22 A	NR	NR	NR	NR	NR	NR	NR	NR	NR	22
23	NR	NR	35.07	NR	NR	NR	NR	NR	NR	NR	NR	NR	23
24	NR	NR	34.93	NR	NR	NR	NR	NR	NR	NR	NR	NR	24
25	NR	NR	34.81	NR	NR	NR	NR	NR	NR	NR	NR	NR	25
26	NR	NR	34.53	NR	NR	NR	NR	NR	NR	NR	NR	NR	26
27	NR	NR	34.34	NR	NR	NR	NR	NR	NR	NR	NR	NR	27
28	NR	NR	34.41	NR	NR	NR	NR	NR	NR	NR	NR	NR	28
29	NR	NR	35.01	NR	NR	NR	NR	NR	NR	NR	NR	NR	29
30	NR	NR	35.83	NR	NR	NR	NR	NR	NR	NR	NR	NR	30
31	NR	NR	36.39	NR	NR	NR	NR	NR	NR	NR	NR	NR	31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
E - ESTIMATED			12/7/66	1245	34.90	2/1/67	0700	36.64	5/27/67	0500	33.57
NR - ND RECORD			1/23/67	1200	35.19	3/19/67	0500	34.50			

NF - NO FLOW

A Mean gage height for period of spill over Fremont Weir.

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT	DATE			FROM	TO		
38 45 55	121 38 05	SW27 11N 3E		39.3	3/1/40			APR 35-DATE	1935	0.00	USED

Station located approx. 200 ft. N of weir, 5.2 mi. SE of Knights Landing. Gage heights recorded only during periods when there is spill over weir.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
(IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A05791	FEATHER RIVER AT OROVILLE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DECEMBER
1	1.31	1.18	4.52	3.12	10.38	3.70	5.06	4.22	6.15	3.96	2.74	2.38	
2	1.30	1.35	6.12	3.02	7.86	3.68	4.81	4.25	5.76	3.91	2.64	2.40	
3	1.33	1.38	7.14	2.99	6.55	3.69	4.65	4.28	5.46	3.82	2.68	2.39	
4	1.32	1.33	5.41	3.02	5.74	3.54	4.54	4.38	5.53	3.62	2.57	2.28	
5	1.15	1.39	8.48	2.95	5.30	3.52	4.67	4.49	5.71	3.58	2.49	2.28	
6	1.16	1.33	6.92	2.92	4.98	3.47	6.15	4.48	5.80	3.53	2.33	2.28	
7	1.22	1.66	5.28	3.02	4.65	3.48	5.51	5.00	5.76	3.44	2.36	2.36	
8	1.26	1.42	4.67	2.98	4.61	3.54	4.98	5.98	5.67	2.90	2.49	2.26	
9	1.28	1.44	4.28	2.93	4.50	3.52	4.81	7.03	5.66	2.82	2.42	2.21	
10	1.30	1.45	4.21	2.88	4.28	3.62	4.77	7.41	5.68	2.98	2.40	2.27	1
11	1.26	1.46	4.06	2.84	4.36	4.32	4.83	6.75	5.61	3.25	2.39	2.23	1
12	1.16	1.64	3.83	2.78	4.23	4.18	4.48	6.30	5.58	3.23	2.34	2.11	1
13	1.17	1.58	3.73	2.88	4.35	3.90	4.49	6.00	5.65	3.20	2.29	2.13	1
14	1.20	1.54	3.51	2.95	4.53	3.62	4.55	5.90	5.52	3.16	2.32	2.13	1
15	1.23	2.20	3.54	2.87	4.33	3.59	4.45	6.31	5.40	2.86	2.35	2.17	1
16	1.24	4.50	3.14	2.90	4.19	7.88	4.26	7.05	5.39	2.67	2.43	2.27	1
17	1.21	2.29	3.12	2.80	4.08	11.76	4.46	7.72	5.46	2.83	2.48	2.39	1
18	1.18	1.73	2.82	2.72	4.02	10.44	4.74	8.07	5.47	3.11	2.44	2.40	1
19	1.12	2.25	2.85	2.57	3.90	9.76	4.68	8.21	5.61	2.97	2.50	2.29	1
20	1.08	6.29	3.06	3.07	3.89	8.04	4.72	8.49	5.55	3.10	2.53	2.23	2
21	1.08	4.51	3.40	9.79	3.84	7.13	4.68	8.87	5.30	2.99	2.48	2.37	2
22	1.09	3.51	3.35	12.56	3.80	6.81	4.48	9.10	5.12	2.61	2.41	2.38	2
23	1.10	2.80	3.29	6.66	3.76	7.48	4.50	9.14	4.85	2.47	2.43	2.26	2
24	1.10	2.63	3.27	6.02	3.73	7.25	4.68	9.37	4.61	2.65	2.32	2.20	2
25	1.01	2.05	3.06	5.13	3.81	6.50	4.56	9.07	4.61	3.01	2.13	2.29	2
26	0.90	1.77	2.91	4.37	3.76	5.92	4.45	8.36	4.57	2.95	2.24	2.28	2
27	1.17	1.76	2.88	4.52	3.70	5.43	4.58	7.77	4.39	2.82	2.27	2.30	
28	1.16	2.05	3.06	6.37	3.65	5.20	4.50	7.42	4.18	2.85	2.39	2.37	2
29	1.12	6.51	3.12	12.64	5.14	4.40	6.94	4.09	2.58	2.49	1.93	2.40	3
30	1.13	4.15	3.06	13.69	4.95	4.42	6.61	3.96	2.43	2.40	1.42	3	
31	1.14		2.97	13.43		5.35		6.30		2.53	2.38		

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
E — ESTIMATED	11/20/66	0630	7.67	12/3/66	0100	9.35	1/22/67	0300	14.58	3/17/67	0500	12
NR — NO RECORD	11/29/66	0800	7.88	12/5/66	1800	9.06	1/29/67	2000	14.47	5/24/67	0200	9
NF — NO FLOW												

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T & R M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	RE DAT
			CFS	GAGE HT	DATE			FROM	TO		
39 31 13	121 32 48	NE8 19N 4E	230000		5/19/07	OCT 01-DATE	OCT 01-DATE	1912	1934	139.53	USC
								1934	1962	182.02	USC
								1962	1964	0.00	USC
								1964		148.97	USC

Station located 300 ft. above Fish Barrier Dam, 0.6 mi. NE of Oroville. Flow partly regulated by reservoirs and power plants. Flow also affected by construction activities at Oroville Dam. Maximum discharge listed at site then in use (approx. 167.5 ft. USGS Datum). Records furn. by USGS. Drainage area is 3,626 sq. mi.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
 (IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A05165	FEATHER RIVER NEAR GRIDLEY

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	24.59	24.33	28.63	27.48	36.84	28.17	29.73	28.67	30.11	27.08	25.02	24.94	1
2	24.60	24.41	30.22	27.35	33.75	28.12	29.41	28.62	29.80	26.99	24.98	25.01	2
3	24.60	24.59	32.39	27.21	32.01	28.14	29.17	28.56	29.40	26.87	24.87	25.02	3
4	24.61	24.53	30.34	27.29	31.03	28.04	29.01	28.63	29.38	26.67	24.84	24.82	4
5	24.53	24.59	32.62	27.24	30.40	27.91	29.04	28.72	29.55	26.47	24.82	24.90	5
6	24.36	24.76	32.65	27.20	29.94	27.87	30.40	28.72 E	29.66	26.43	24.45	24.89	6
7	24.44	25.04	30.61	27.24	29.59	27.90	30.35	29.07 E	29.68	26.31	24.46	24.94	7
8	24.48	24.94	29.51	27.22	29.36	27.91	29.63	29.82 E	29.53	25.55	24.62	25.14	8
9	24.51	24.98	28.97	27.19	29.26	27.91	29.41	31.11 E	29.51	25.28	24.71	24.84	9
10	24.53	24.99	28.82	27.12	28.98	27.98	29.36	31.39 E	29.52	25.30	24.60	25.03	10
11	24.56	25.09	28.70	27.09	29.04	28.77	29.45	31.04	29.48	25.89	24.60	24.99	11
12	24.41	25.20	28.40	27.03	28.86	28.68	29.16	30.42	29.39	25.83	24.57	24.90	12
13	24.34	25.18	28.31	27.06	28.98	28.55	28.99	29.99	29.50	25.81	24.49	24.91	13
14	24.39	25.03	27.92	27.20	29.13	28.10	29.07	29.75	29.37	25.76	24.50	24.98	14
15	24.42	25.47	28.00	27.11	29.00	28.01	29.00	30.01	29.20	25.53	24.60	25.10	15
16	24.43	28.51	27.67	27.08	28.82	30.59	28.83	30.68	29.17	25.03	24.61	25.32	16
17	24.45	26.97	27.47	27.05	28.68	36.34	28.80	31.36	29.22	25.01	24.77	25.54	17
18	24.38	25.59	27.15	26.93	28.61	35.43	29.33	31.78	29.23	25.66	24.79	25.65	18
19	24.36	25.53	27.10	26.79	28.49	35.14	29.20	32.00	29.34	25.51	24.85	25.60	19
20	24.27	30.15	27.24	26.90	28.41	33.47	29.28	32.23	29.32	25.53	24.87	25.46	20
21	24.13	29.59	27.73	32.01	28.35	32.22	29.24	32.64	29.07	25.50	24.98	25.65	21
22	24.06	28.38	27.77	37.87	28.29	31.73	29.05	33.00	28.81	25.15	24.88	25.74	22
23	24.05	27.28	27.67	33.13	28.26	31.95	28.98	33.06	28.48	24.68	24.90	25.65	23
24	24.04	26.97	27.64	31.18	28.20	32.23	29.21	33.34	28.18	24.67	24.79	25.51	24
25	24.04	26.35	27.48	30.48	28.32	31.46	29.10	33.23	28.09	25.37	24.47	25.60	25
26	23.95	25.71	27.19	29.24	28.24	30.79	29.01	32.60	28.01	25.36	24.53	25.66	26
27	23.92	25.53	27.13	29.32	28.15	30.24	29.05	31.91	27.80	25.20	24.65	25.69	27
28	24.18	25.68	27.31	30.49	28.09	29.81	29.04	31.51	27.46	25.17	24.74	25.84	28
29	24.26	29.98	27.42	35.46	29.79	28.95	31.03	27.30	24.94	24.94	25.47	29	
30	24.27	29.49	27.40	38.58	29.49	28.89	30.70	27.08	24.53	24.97	24.80	3D	
31	24.30		27.21	38.47		29.91		30.30		24.51	24.95		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
E — ESTIMATED			11/20/66	1130	31.70	12/3/66	0630	33.33	1/22/67	1030	38.60
NR — NO RECORD			11/29/66	1430	31.87	12/5/66	2330	33.84	1/30/67	1345	38.70

NF — NO FLOW

* In order to machine process the data in this table, it was necessary to avoid gage heights above 99.99 feet.
 Add 50.00 ft. to obtain recorder gage height.

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 22 01	121 38 43	SW33 18N 3E	102.25	12/23/55	1/44-DATE	3/29-5/37 #	1929			0.00	USED USCGS
						10/37-4/39	1929			-2.91	
						11/39-7/40					
						10/40-7/43					
						10/43-DATE					

Station located at highway bridge, 0.7 mi. E of Gridley. Water, overflowing the left bank at gage ht. 96.0±, bypasses the station and reenters the main channel downstream. Drainage area is 3,676 sq. mi. (Revised).

- Flood season only

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
(IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A05135	FEATHER RIVER AT YUBA CITY

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DECEMBER
1	38.92	39.74	45.42	43.03	60.55	44.19	48.13	45.55	49.81	45.11	40.45	40.69	1
2	38.92	39.77	47.93	43.00	56.30	44.22	47.14	45.44	48.10	44.94	40.84	40.72	2
3	38.97	39.00	53.10	42.90	52.56	43.71	46.61	45.31	47.28	44.72	40.61	40.85	3
4	38.98	39.13	50.39	42.94	49.95	44.14	46.29	45.15	46.79	44.39	40.62	40.68	4
5	38.97	39.09	51.34	42.08	48.44	43.07	46.16	45.64	47.25	44.00	40.46	40.65	5
6	38.74	39.27	54.41	42.89	47.65	43.84	47.91	45.72	47.71	43.69	40.22	40.62	6
7	39.66	39.87	52.02	42.88	47.08	43.81	50.29	45.88	47.94	43.51	39.88	40.63	7
8	38.75	39.98	49.24	42.86	46.58	43.86	48.24	47.09	47.83	43.06	39.83	40.97	8
9	38.79	39.72	46.57	42.90	46.37	43.85	47.18	48.60	47.82	42.24	40.12	40.64	9
10	38.83	39.70	45.00	42.74	46.04	43.86	46.83	49.84	47.99	42.06	40.03	40.79	10
11	38.89	39.72	45.67	42.69	45.86	44.66	47.26	49.82	47.88	42.43	39.87	40.85	11
12	38.87	39.74	45.25	42.60	45.73	45.27	46.91	48.49	47.70	42.56	39.98	40.74	12
13	38.65	39.02	44.89	42.52	45.60	45.91	46.26	47.60	49.30	42.48	39.98	40.69	13
14	38.63	39.82	44.48	42.68	45.85	45.15	46.22	47.07	48.01	42.37	39.92	40.80	14
15	38.69	39.90	44.44	42.69	45.83	44.55	46.22	47.26	47.74	42.19	40.04	40.90	15
16	38.70	42.63	44.20	42.60	45.47	47.31	46.04	48.31	47.95	41.62	40.04	41.11	16
17	38.76	43.83	43.71	42.62	45.23	57.13	45.77	49.68	49.13	41.32	40.28	41.46	17
18	38.75	41.25	43.53	42.50	45.09	57.33	47.06	50.53	48.39	41.63	40.41	41.60	18
19	38.72	49.72	43.16	42.34	44.96	55.81	46.81	49.89	48.63	42.01	40.45	41.68	19
20	38.66	44.26	43.16	42.24	44.80	54.22	46.94	50.72	48.55	41.77	40.57	41.41	20
21	38.50	46.68	43.55	48.78	44.73	52.00	46.63	51.91	47.86	41.91	40.68	41.50	21
22	38.34	45.16	43.79	60.10	44.60	50.65	46.37	52.58	47.60	41.62	40.51	41.72	22
23	38.27	43.58	43.69	57.48	44.51	50.36	46.10	52.93	47.31	40.92	40.50	41.69	23
24	38.29	42.79	43.59	51.32	44.40	51.38	46.60	53.11	46.55	40.58	40.45	41.42	24
25	38.26	42.26	43.51	49.58	44.47	50.34	46.71	53.29	46.27	40.90	40.09	41.45	25
26	38.27	41.33	43.10	47.47	44.45	49.07	46.31	52.93	46.32	41.51	39.86	41.56	26
27	38.16	40.92	42.95	47.64	44.32	48.16	46.14	52.19	46.17	41.42	40.08	41.60	27
28	38.27	40.93	42.98	48.97	44.20	47.42	46.24	51.37	45.69	41.19	40.15	41.71	28
29	38.53	44.42	43.11	55.56		47.27	45.98	50.60	45.40	41.11	40.51	41.45	29
30	38.61	48.56	43.14	61.27		46.85	45.77	49.88	45.17	40.51	40.78	40.69	30
31	38.65		43.01	62.09		47.54		49.17		40.19		40.68	31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
E — ESTIMATED			11/21/66	0100	47.35	12/3/66	1330	53.86	1/22/67	1645	61.36
NR — NO RECORD			11/30/66	0215	49.94	12/6/66	0415	54.55	1/31/67	1600	62.43

NF — NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FRDM	TO		
39 08 20	121 36 17	NE23 15N 3E	82.42	12/24/55		7/44-10/45 °	°	11/43-DATE	1943	0.00	USED USCGS
						1/46-9/63		1943	-3.0		

Station located at Sacramento Northern Railroad bridge. Backwater from Yuba River at times affects stage-discharge relationship. Drainage area is 3,977 sq. mi.

° - Irrigation season only

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
 (IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A61430	YUBA RIVER AT ENGLEBRIGHT DAM

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	NF	NF	28.61	27.36	30.91	27.83	28.85	28.39	29.89	29.65	27.20	NF	1
2	NF	NF	29.80	27.35	29.94	27.83	28.70	28.39	29.35	29.52	27.17	NF	2
3	NF	NF	30.58	27.33	29.48	27.82	28.63	28.44	29.14	29.40	27.18	NF	3
4	NF	NF	29.07	27.33	29.17	27.81	28.61	28.54	29.16	29.06	27.16	NF	4
5	NF	NF	30.51	27.30	28.95	27.77	28.65	28.75	29.42	28.75	27.15	NF	5
6	NF	NF	30.42	27.34	28.83	27.73	29.10	28.76	29.73	28.61	27.14	NF	6
7	NF	NF	29.68	27.30	28.71	27.72	29.31	28.93	29.84	28.56	27.13	NF	7
8	NF	NF	29.04	27.29	28.62	27.72	29.00	29.30	29.84	28.21	27.09	NF	8
9	NF	NF	28.62	27.29	28.54	27.72	28.87	29.65	29.95	28.16	27.03	NF	9
10	NF	NF	28.47	27.28	28.47	27.76	28.85	29.86	29.99	28.17	26.97	NF	10
11	NF	NF	28.41	27.32	28.44	28.10	28.87	29.47	29.98	28.03	26.95 A	NF	11
12	NF	NF	28.26	27.30	28.41	28.28	28.69	29.20	29.98	27.93	NF	NF	12
13	NF	NF	28.14	27.30	28.47	28.44	28.62	29.04	30.37	27.85	NF	NF	13
14	NF	NF	28.13	27.29	28.50	28.26	28.63	29.01	30.06	27.84	NF	NF	14
15	NF	NF	28.05	27.28	28.40 E	28.13	28.65	29.21	30.13	27.84	NF	NF	15
16	NF	NF	27.97	27.28	28.30 E	31.23	28.60	29.66	30.30	27.80	NF	NF	16
17	NF	NF	27.91	27.28	28.30 E	32.63	28.61	29.98	30.50	27.75	NF	NF	17
18	NF	NF	27.86	27.3	28.30 E	30.93	28.92	30.11	30.62	27.66	NF	NF	18
19	NF	NF	27.81	27.3	28.30 E	30.22	28.79	30.09	30.68	27.60	NF	NF	19
20	NF	NF	27.77	27.6	28.20 E	29.75	28.71	30.25	30.50	27.55	NF	NF	20
21	NF	NF	27.74	33.0	28.10 E	29.61	28.62	30.50	30.18	27.51	NF	NF	21
22	NF	NF	27.69	31.9	28.00 E	29.56	28.55	30.66	30.33	27.46	NF	NF	22
23	NF	NF	27.66	29.4	28.00 E	29.79	28.59	30.66	30.20	27.42	NF	NF	23
24	NF	NF	27.62	29.0	28.00 E	29.72	28.80	30.66	29.89	27.40	NF	NF	24
25	NF	NF	27.58	29.0	28.00 E	29.39	28.69	30.62	29.84	27.38	NF	NF	25
26	NF	NF	27.55	28.90	28.00 E	29.18	28.62	30.67	29.99	27.35	NF	NF	26
27	NF	NF	27.51	29.20	27.90 E	29.01	28.63	30.65	29.91	27.32	NF	NF	27
28	NF	NF	27.47	29.79	27.84 E	28.91	28.59	30.60	29.79	27.29	NF	NF	28
29	NF	29.60 A	27.42	32.69		28.88	28.48	30.38	29.72	27.27	NF	NF	29
30	NF	29.01	27.42	32.09		28.79	28.44	30.25	29.69	27.25	NF	NF	30
31	NF		27.40	32.31		28.92		30.13		27.22	NF		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
E - ESTIMATED			12/ 3/66	0300	31.67	1/21/67	2300	35.35	1/31/67	0930	32.84
NR - NO RECORD			12/ 5/66	1700	31.13	1/29/67	1500	34.07	3/16/67	2400	33.88

NF - NO FLOW

* Add 500.00 ft. to obtain recorder gage height.

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO OH GAGE	REF. DATUM
			CFS	GAGE HT	DATE			FROM	TO		
39 14 22	121 16 00	SE14 16N 6E	171000	546.14	12/22/64	OCT 41-DATE	OCT 41-DATE	1941	1958	526.99	USCGS
								1958		0.00	USCGS

Station located above spillway of Englebright Dam, 1.0 mi. above Deer Creek, 2.5 mi. NE of Smartville. Flow regulated by Lake Spaulding, Englebright Reservoir, Bowman Lake, Fordyce Lake, and many smaller reservoirs. Maximum discharge listed includes flow through powerhouse. Records furn. by USGS. Drainage area is 1,108 sq. mi.

A - Mean gage height for period of flow.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
(IN FEET)

WATER YEAR		STATION NO.	STATION NAME
1967	A06150	YUBA RIVER NEAR MARYSVILLE	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	59.61	59.74	62.96	60.68	67.22	61.53	63.76	NR	NR	64.15	59.92	60.52	1
2	59.62	59.75	64.61	60.65	64.98	61.53	63.35	NR	63.72 E	63.99	59.87	60.51	2
3	59.62	59.75	66.18	60.62	64.38	61.55	63.15	NR	63.38	63.86	59.87	60.47	3
4	59.63	59.73	63.83	60.70	63.87	61.51	63.06	62.80	63.36	63.45	59.87	60.44	4
5	59.63	59.52	65.14	60.76	63.50	61.47	63.08	63.05	63.63	63.01	59.88	60.40	5
6	59.77	59.72	65.14	60.82	63.30	61.40	64.22	63.13	64.02	62.69	59.86	60.20	6
7	59.75	60.12	64.75	60.77	63.07	61.39	64.59	63.25	64.25	62.64	59.86	60.20	7
8	59.70	59.79	63.65	60.75	62.92	61.39	63.84	63.72	64.30	62.08	59.84	60.19	8
9	59.58	59.66	63.02	60.73	62.77	61.39	63.53	64.13	64.38	61.81	59.82	60.20	9
10	59.66	59.62	62.64	NR	62.63	61.40	NR	64.45	64.44	61.87	59.80	60.21	10
11	59.65	59.60	62.53	NR	62.55	61.95	NR	64.13	64.43	61.66	59.86	60.25	11
12	59.65	59.58	62.23	NR	62.52	62.48	NR	63.67	64.38	61.42	60.52	60.27	12
13	59.67	59.56	62.00	NR	62.57	63.18	NR	63.42	64.92	61.25	60.57	60.26	13
14	59.66	59.57	61.93	NR	62.62	62.91	NR	63.32	64.64	61.16	60.58	60.27	14
15	59.63	59.99	61.82	NR	62.48	62.41	NR	63.52	64.58	61.17	60.58	60.20	15
16	59.61	60.57	61.67	NR	62.33	65.88	NR	64.04	64.77	61.13	60.55	60.16	16
17	59.60	60.41	61.52	NR	62.17	70.10	NR	64.42	65.08	61.06	60.45	59.92	17
18	59.57	60.32	61.42	NR	62.16	66.55	NR	64.60	65.29	60.88	60.55	59.91	18
19	59.56	60.34	61.35	60.68	62.14	65.52	NR	64.58	65.46	60.77	60.57	59.94	19
20	59.59	61.28	61.28	60.96	62.04	64.72	NR	64.70	65.32	60.65	60.57	59.98	20
21	59.63	61.06	61.22	67.05	61.95	64.53	NR	65.03	64.90	60.53	60.58	59.99	21
22	59.69	61.14	61.16	70.47	61.81	64.41	NR	65.28	65.00	60.46	60.47	59.88	22
23	59.70	60.63	61.09	64.56	61.74	64.54	NR	65.32	64.98	60.38	60.53	59.88	23
24	59.70	60.53	61.04	63.66	61.70	64.71	NR	65.30	64.57	60.28	60.50	59.89	24
25	59.69	60.49	60.98	63.48	61.74	64.22	NR	64.45	64.25	60.25	60.52	60.09	25
26	59.68	60.46	60.92	63.12	61.66	63.89	NR	NR	64.59	60.18	60.55	59.92	26
27	59.69	60.45	60.88	63.70	61.58	63.67	NR	NR	64.53	60.10	60.54	59.89	27
28	59.73	60.52	60.82	64.76	61.54	63.46	NR	NR	64.35	60.08	60.53	59.90	28
29	59.73	62.62	60.78	69.62	63.43	NR	NR	NR	64.25	60.00	60.52	59.90	29
30	59.74	63.69	60.72	69.55	63.25	NR	NR	NR	64.18	59.98	60.51	59.92	30
31	59.74	63.69	60.72	70.31	63.60	NR	NR	NR	NR	59.95	60.52		

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

	DATE	TIME	STAGE		DATE	TIME	STAGE		DATE	TIME	STAGE		DATE	TIME	STAGE
E — ESTIMATED	12/3/66	0630	67.97		1/22/67	0130	76.87		1/31/67	1300	71.72				
NR — NO RECORD	12/5/66	1600	66.20		1/29/67	1900	72.66		3/17/67	0400	71.83				
NF — NO FLOW															

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 10 35	121 31 25		180	1.10	12/22/64	7/39-12/44 0	5/40-DATE	1939	1939	0.00	USED USCGS

Station located 5 mi. below Dry Creek, 4.2 mi. NE of Marysville. Maximum discharge listed for period 1943 to date. Records furn. by USGS. Drainage area is 1,439 sq. mi.

" - Irrigation season only

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
 (IN FEET)

WATER YEAR		STATION NO.	STATION NAME
1967	A05120	FEATHER RIVER BELOW SHANGHAI BEND	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	32.19	31.99	40.21	36.51	55.87	38.59	42.27 E	40.16	44.24	39.96	33.22	33.68	1
2	32.14	32.04	43.02	36.59	52.25	38.64	42.11 E	39.96	43.29	39.70	33.48	33.66	2
3	32.19	32.17	48.43	36.36	48.58	38.58	41.52 E	39.83	42.23	39.38	33.25	33.78	3
4	32.20	32.35	46.05	36.41	45.74	38.54	41.07	39.98	41.82	38.80	33.29	33.67	4
5	32.21	32.28	46.60	36.53	44.00	38.32	40.92	40.27	42.19	37.99	33.15	33.61	5
6	32.07	32.42	49.98	NR	43.02	38.16	42.78 E	40.47	42.90	37.45	32.93	33.47	6
7	31.92	32.94	48.00	NR	42.34	38.12	45.74 E	40.60	43.23	37.27	32.67	33.46	7
8	32.01	33.10	43.88	NR	41.75	38.17	43.58	41.94	43.16	36.47	32.67	33.68	8
9	32.04	32.81	41.72	NR	41.43	38.14	42.28	43.58	43.16	35.46	32.90	33.53	9
10	32.09	32.81	40.75	NR	41.08	38.16	41.81	44.99	43.27	35.42	32.77	33.56	10
11	32.12	32.80	40.43	36.08	40.80	38.96	42.32	45.12	43.26	35.70	32.70	33.69	11
12	32.14	32.81	39.97	35.98	40.68	39.91	41.93	43.70	44.05	35.70	33.05	33.62	12
13	31.93	32.88	39.29	35.88	40.58	40.66	41.09	42.74	43.82	35.54	33.14	33.56	13
14	31.87	32.95	38.80	36.05	40.74	40.02	40.99	42.10	43.48	35.41	33.08	33.60	14
15	31.91	32.98	38.60	36.07	40.69	39.23	41.03	42.25	43.18	35.26	33.14	33.67	15
16	31.92	34.04	38.24	35.95	40.28	42.60	40.82	43.42	43.31	34.68	33.16	33.81	16
17	31.98	37.08	37.57	35.96	39.98	51.87 E	40.40	44.43	43.66	34.38	33.25	34.01	17
18	32.00	34.62	37.35	35.82	39.81	52.81 E	42.05	45.84	43.95	34.61	33.43	34.16	18
19	31.96	34.03	36.88	35.67	39.69	51.38 E	41.79	46.25	44.20	34.87	33.47	34.29	19
20	31.94	37.39	36.85	35.56	39.48	49.93 E	41.89	46.59	44.11	34.60	33.60	34.12	20
21	31.82	41.11	37.23	43.06	39.33	47.72 E	41.48	47.32	43.31	34.70	33.69	34.17	21
22	31.66	39.26	37.52	54.70	39.14	46.21 E	41.16	48.03	43.02	34.40	33.53	34.33	22
23	31.59	37.24	37.40	53.31	39.07	45.91 E	40.84	48.40	42.77	33.66	33.49	34.33	23
24	31.59	36.17	37.27	47.28	38.88	46.86 E	41.50	48.57	41.82	33.38	33.49	34.14	24
25	31.58	35.62	37.17	45.11	38.98	45.83 E	41.70	48.80	41.42	33.70	33.26	34.19	25
26	31.57	34.67	36.68	42.69	38.95	44.43 E	41.15	48.51 E	41.48	34.19	33.02	34.27	26
27	31.51	34.22	36.51	42.78	38.79	43.29 E	40.90	47.86	41.33	34.08	33.18	34.29	27
28	31.51	34.21	36.50	44.14	38.62	42.52 E	41.05	47.05	40.74	33.85	33.25	34.39	28
29	31.77	37.81	36.63	50.74		42.29 E	40.66	46.28	40.37	33.76	33.49	34.26	29
30	31.87	43.99	36.67	56.04		41.89 E	40.38	45.48	40.06	33.18	33.73	33.66	30
31	31.91		36.54	56.96		42.54 E		44.68		32.96	33.68		

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
11/30/66	0500	45.25	12/ 6/66	2015	52.03	1/31/67	1620	57.31			
12/ 3/66	1330	49.43	1/22/67	1630	55.87	5/25/67	1600	48.95			

NF - NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 04 44	121 36 08	NELL 14N 3E	76.8	12/24/55	6/44-10/45 "	1/46-DATE	11/26-5/37 #	1926		0.00	USED USCGS
							10/37-5/39	1926		-3.01	
							11/39-7/41				
							11/41-7/43 #				
							10/43-DATE				

Station located approx. 4 mi. S of Yuba City. Flow partly regulated by reservoirs and power plants. Drainage area is 5,337 sq. mi.

" - Irrigation season only

- Flood season only

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
 (IN FEET)

WATER YEAR	STATION NO.	STATION NAME
1967	A06550	BEAR RIVER NEAR WHEATLAND

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.88	0.90	1.62	1.74	7.36	3.19	4.30	3.65	2.37	0.79	1.11	0.63	1
2	0.88	0.87	1.79	1.73	6.16	3.23	4.29	3.53	2.37	0.82	1.06	0.64	2
3	0.90	0.87	1.66	1.72	5.18	3.26	4.03	3.44	2.40	0.82	1.02	0.66	3
4	0.92	0.90	1.49	1.72	4.37	3.23	3.90	3.58	2.30	0.79	1.13	0.64	4
5	0.92	0.86	1.78	1.68	4.11	2.98	3.95	3.34	2.21	0.77	1.20	0.60	5
6	0.89	1.22	1.78	1.66	3.91	2.69	4.58	3.34	2.29	0.78	1.20	0.62	6
7	0.89	1.58	1.56	1.71	3.69	2.58	6.00	3.40	2.29	0.89	1.22	0.62	7
8	0.90	1.43	1.48	1.68	3.32	2.52	5.38	3.40	2.34	1.05	1.09	0.62	8
9	0.90	1.37	1.43	1.91	3.13	2.35	4.56	3.48	2.29	1.07	0.57	0.60	9
10	0.88	1.00	1.42	2.54	3.03	2.14	4.30	3.67	2.17	1.06	0.65	0.56	10
11	0.90	1.04	1.42	2.52	2.89	2.25	4.84	3.87	2.11	0.98	0.65	0.54	11
12	0.90	1.20	1.41	2.52	2.84	2.74	4.58	3.71	2.05	0.95	0.64	0.50	12
13	0.88	1.36	1.35	2.52	2.78	4.03	4.26	3.53	2.17	0.93	0.68	0.53	13
14	0.90	1.39	1.34	2.52	2.74	4.30	4.17	3.29	2.40	0.89	0.65	0.51	14
15	0.87	1.43	1.34	2.52	2.93	3.82	4.28	3.12	2.33	0.92	0.58	0.50	15
16	0.89	1.37	1.34	2.35	3.07	4.73	4.14	NR	2.06	0.94	0.54	0.56	16
17	0.88	1.31	1.34	1.33	3.13	8.12	3.95	NR	1.89	0.94	0.57	0.53	17
18	0.87	1.28	2.11	1.35	3.10	6.10	4.78	NR	1.89	0.93	0.58	0.54	18
19	0.89	1.33	3.06	2.04	5.00	4.55	4.78	NR	1.67	0.95	0.64	0.54	19
20	0.87	1.56	3.11	2.48	3.13	3.80	4.68	NR	1.53	0.93	0.70	0.51	20
21	0.83	1.41	3.10	5.91	3.43	3.43	4.42	NR	1.30	0.97	0.63	0.51	21
22	0.82	1.40	3.14	10.04	3.48	3.02	4.31	2.46F	1.06	1.05	0.58	0.50	22
23	0.82	1.32	2.99	6.54	3.50	2.97	4.33	2.42	0.93	1.18	0.52	0.51	23
24	0.82	1.30	2.68	5.48	3.54	3.10	4.70	2.35	0.89	1.16	0.53	0.51	24
25	0.88	1.28	2.34	5.32	3.62	3.00	4.61	2.27	0.82	1.07	0.61	0.51	25
26	0.85	1.27	2.12	4.78	3.36	2.97	4.35	2.01	0.76	1.07	0.63	0.50	26
27	0.88	1.28	1.94	5.37	3.17	2.69	4.35	1.64	0.72	1.03	0.63	0.50	27
28	0.90	1.43	1.84	5.73	3.11	2.49	4.32	1.42	0.77	1.06	0.58	0.50	28
29	0.87	1.56	1.79	7.59		2.45	4.00	1.39	0.92	1.13	0.58	0.49	29
30	0.89	1.36	1.81	7.76		2.30	3.85	1.86	0.81	1.22	0.57	0.49	30
31	0.87		1.75	7.99		2.97		2.05		1.17	0.58		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

	DATE	TIME	STAGE		DATE	TIME	STAGE		DATE	TIME	STAGE		DATE	TIME	STAGE
E — ESTIMATED	1/22/67	0500	12.21		1/31/67	1700	8.29								
NR — NO RECORD	1/29/67	1900	8.49		3/17/67	0430	8.74								
NF — NO FLOW															

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECDRD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 00 00	121 24 20	SW 3 13N 5E	33000	19.30	12/22/55	OCT 28-DATE	OCT 28-DATE	1928	1943	81.50	USCGS
								1943		76.92	

Station located 100 ft. below U. S. Highway 99E bridge, 1 mi. SE of Wheatland. Tributary to Feather River. Flow regulated by New Camp Far West Reservoir. Records furn. by USGS. Drainage area is 292 sq. mi.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
 (IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A05103	FEATHER RIVER AT NICOLAUS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	21.25	NR	30.27	25.07	43.61	26.80	32.07	32.20	33.59	27.94	22.24	22.49	1
2	21.12	21.10	31.23	25.20	42.13	26.87	31.46	31.57	32.44	27.78	22.58	22.45	2
3	21.15	21.17	36.43	25.03	40.41	26.82	30.61	30.79	31.64	27.48	22.43	22.56	3
4	21.16	21.38	36.91	24.96	38.69	26.79	29.99	30.45	30.95	27.05	22.40	22.54	4
5	21.19	21.37	36.37	25.11	37.47	26.54	29.61	30.18	30.94	26.33	22.31	22.42	5
6	21.14	21.39	39.22	24.99	36.70	26.28	30.71	30.12	31.45	25.82	22.29	22.38	6
7	20.97	21.82	39.00	24.96	36.11	26.14	35.01	29.90	31.80	25.63	22.00	22.32	7
8	20.99	22.30	36.90	24.98	35.64	26.15	34.16	30.63	31.84	25.24	21.94	22.38	8
9	21.03	22.08	35.73	24.97	35.25	26.10	32.80	32.01	31.71	24.39	22.00	22.48	9
10	21.04	21.98	35.14	24.95	34.79	26.03	32.13	33.47	31.77	24.16	21.98	22.34	10
11	21.04	21.92	34.88	24.89	34.09	26.53	32.33	34.21	31.73	24.10	21.87	22.47	11
12	21.12	21.93	34.64	24.83	33.38	27.96	32.47	33.30	31.56	24.12	22.02	22.44	12
13	21.02	22.02	34.13	24.73	32.49	29.15	31.70	32.28	31.92	24.03	22.17	22.38	13
14	20.89	22.08	33.28	24.82	31.72	29.18	31.14	31.36	32.12	23.91	22.12	22.40	14
15	20.91	22.08	32.16	24.88	31.15	28.21	31.00	31.03	31.66	23.82	22.09	22.46	15
16	20.94	23.24	31.11	24.80	30.41	30.03	30.96	31.71	31.63	23.50	22.14	22.54	16
17	20.96	26.21	29.73	24.69	29.69	39.67	30.57	33.09	31.83	NR	22.12	22.66	17
18	21.02	24.16	28.44	24.55	29.13	41.24	31.60	34.13	32.16	NR	22.28	22.83	18
19	21.00	23.13	27.38	24.43	28.75	40.30	32.30	34.74	32.37	NR	22.32	22.92	19
20	20.99	24.52	26.82	24.33	28.31	39.33	32.70	35.11	32.42	NR	22.40	22.86	20
21	20.91	29.60	26.66	29.57	28.08	37.70	32.83	35.71	31.83	NR	22.47	22.80	21
22	20.80	28.85	26.76	42.15	27.84	36.20	32.93	36.45	31.23	NR	22.48	22.96	22
23	20.68	27.52	26.60	42.51	27.54	35.32	32.73	36.96	31.05	NR	22.33	22.97	23
24	20.68	25.87	26.31	39.32	27.34	35.78	32.90	37.22	30.19	NR	22.39	22.87	24
25	20.68	24.90	26.11	37.62	27.34	35.30	33.33	37.53	29.50	NR	22.29	22.86	25
26	20.64	23.95	25.72	36.34	27.34	33.98	33.20	37.48	29.40	NR	22.07	22.97	26
27	20.63	23.33	25.37	36.02	27.06	32.63	33.03	37.14	29.42	23.05	22.11	22.98	27
28	NR	23.15	25.23	36.51	26.85	31.36	33.13	36.48	28.92	22.90	22.18	23.00	28
29	NR	24.71	25.33	39.86	30.68	32.93	35.88	35.88	28.45	22.85	22.30	23.05	29
30	NR	32.37	25.37	43.08	30.18	32.63	35.07	28.14	22.58	22.48	22.73	23.05	30
31	NR	25.22	43.81	30.36			34.26			22.29	22.48		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
11/30/66	1430	33.14	12/7/66	0215	39.60	1/31/67	2400	44.04	4/7/67	1730	35.58
12/3/66	2145	37.85	1/22/67	2315	43.48	3/18/67	0915	41.40	5/25/67	2115	37.64

NF - NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 54 00	121 35 00	SE12 12N 3E	357000	51.60	12/23/55	6/21-10/28 8	20-DATE	1920	1920	0.00	USED USCGS
						1/39-DATE				-3.30	

Station located at State Highway 99 bridge, 2.9 mi. below Bear River, 0.5 mi. SW of Nicolaus. Backwater at times affects the stage-discharge relationship. Flow partly regulated by reservoirs and power plants. Maximum discharge of record is for period 1943 to date. Records furnished by USGS. Drainage area is approx. 5,921 sq. mi. (Revised).

^ - Irrigation season only

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
(IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A02150	SACRAMENTO RIVER AT VERONA

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	12.94	12.99	26.27	19.19	36.83	20.79	24.89	29.88	29.26	20.40	14.97	16.01	1
2	12.95	13.08	26.52	18.79	36.39	20.69	25.62	29.18	28.57	20.17	15.12	16.05	2
3	12.91	13.13	29.19	18.33	35.77	20.49	25.71	28.43	27.68	19.82	15.05	16.10	3
4	12.95	13.23	31.43	17.96	35.12	20.28	25.10	27.54	27.06	19.56	14.99	16.21	4
5	13.06	13.30	32.31	17.91	34.58	19.96	24.36	26.82	26.64	19.00	15.05	16.33	5
6	13.09	13.50	33.84	17.64	34.16	19.56	24.23	26.34	26.58	18.30	15.10	16.44	6
7	13.03	13.75	34.34	17.30	33.83	19.21	26.73	25.80	26.66	17.89	15.01	15.54	7
8	13.02	14.37	34.04	16.93	33.53	19.06	28.58	25.62	26.65	17.58	14.95	16.64	8
9	12.99	14.58	33.66	16.66	33.24	18.81	28.88	26.09	26.47	16.77	14.95	16.86	9
10	12.99	14.39	33.31	16.54	32.82	18.57	28.57	26.95	26.27	16.37	14.72	16.87	10
11	13.02	14.24	33.11	16.41	32.19	18.59	28.44	27.84	26.11	16.24	14.87	17.00	11
12	13.04	14.14	32.95	16.20	31.41	19.81	28.64	28.20	25.95	16.40	14.90	17.23	12
13	13.01	14.13	32.50	15.95	30.36	21.68	28.35	27.77	25.98	16.36	15.13	17.43	13
14	12.90	14.24	31.67	15.79	29.36	23.03	27.81	26.97	26.17	16.33	15.27	17.51	14
15	12.86	14.57	30.50	15.79	28.49	22.84	27.52	26.41	25.90	16.27	15.25	17.51	15
16	12.87	15.07	29.36	15.67	27.57	23.08	27.54	26.32	25.65	16.17	15.25	17.54	16
17	12.86	17.61	27.94	15.50	26.62	29.18	27.30	26.85	25.50	NR	15.17	17.56	17
18	12.87	17.96	26.41	15.36	25.80	33.38	27.52	27.70	25.51	NR	15.12	17.59	18
19	12.88	16.76	25.14	15.18	25.16	33.90	28.40	28.49	25.61	NR	15.21	17.68	19
20	12.88	16.75	24.30	15.16	24.48	33.60	29.21	29.08	25.63	NR	15.28	17.68	20
21	12.85	22.31	23.74	17.66	23.92	32.97	29.84	29.65	25.35	NR	15.38	17.42	21
22	12.78	24.98	23.45	30.37	23.40	32.00	30.27	30.35	24.77	NR	15.38	17.27	22
23	12.73	24.50	23.09	34.67	22.77	31.05	30.23	31.02	24.37	NR	15.32	17.14	23
24	12.75	22.82	22.68	34.40	22.13	30.53	30.15	31.58	23.65	NR	15.30	17.92	24
25	12.74	21.14	22.33	34.17	21.76	30.19	30.42	32.04	22.70	NR	15.32	16.86	25
26	12.75	20.07	21.80	33.66	21.59	29.34	30.62	32.33	22.21	15.30	15.37	16.77	26
27	12.71	19.33	21.19	33.41	21.32	28.06	30.62	32.38	22.08	15.42	15.34	16.71	27
28	12.70	18.98	20.74	33.63	21.03	26.61	30.65	32.11	21.74	15.26	15.61	16.62	28
29	12.69	19.49	20.57	34.70		25.42	30.59	31.68	21.22	15.18	15.78	16.58	29
30	12.75	24.64	20.24	35.85		24.59	30.36	30.99	20.78	15.16	15.80	16.32	30
31	12.83		19.80	36.62		24.15		30.15		14.99	15.95		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
E — ESTIMATED			11/22/66	2145	25.17	1/23/67	1215	34.79	3/19/67	0630	33.99
NR — NO RECORD			12/7/66	0845	34.40	2/1/67	0945	36.88	4/28/67	1215	30.68

NF — NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		REF. DATUM	
			CFS	GAGE HT.	DATE			FROM	TO		
38 46 50	121 36 10	SE23 11N 3E	79200	41.20	3/1/40	5/26-10/28	0	5/26-DATE	1926	-0.06	
						5/29-DATE			1926	-3.00	

Station located 0.8 mi. SE of Verona, 1.0 mi. below the Feather River. Records furn. by USGS.
Drainage area is 21,275 sq. mi.

0 - Irrigation season only

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
 (IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A02112	SACRAMENTO RIVER AT ELKHORN FERRY

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	9.88	9.84	22.11	15.58	33.80	17.21	21.18	26.16	25.64	16.80E	11.94	12.85	1
2	9.91	9.93	22.30	15.18	32.78	17.09	21.91	25.52	24.97	16.60E	12.11	12.83	2
3	9.85	10.04	24.74	14.74	31.85	16.93	21.90E	24.81	24.13	16.30E	12.06	12.90	3
4	9.85	10.21	27.06	14.38	31.10	16.71	21.30E	23.99	23.40	16.00E	11.99	13.06	4
5	9.91	10.21	28.00	14.35	30.55	16.42	20.60E	23.27	23.08	15.40E	12.05	13.10	5
6	10.02	10.50	29.57	14.14	30.13	16.03	20.40E	22.79	22.98	15.31	12.11	13.23	6
7	9.93	10.57	30.53	13.83	29.80	15.68	22.90E	22.25	23.05	14.83	12.01	13.26	7
8	9.85	11.00	30.80	13.51	29.47	15.51	24.30E	22.03	23.07	14.48	11.97	13.46	8
9	9.82	11.30	30.43	13.28	29.13	15.31	25.10E	22.41	22.92	13.47	11.97	13.67	9
10	9.83	11.14	29.55	13.15	28.72	15.08	24.80E	23.21	22.73	13.33	11.94	13.70	10
11	10.02	11.04	29.07	13.05	28.13	15.08	24.60E	24.07	22.56	13.14	11.83	13.83	11
12	9.96	10.96	28.82	12.88	27.40	16.07	24.80E	24.47	22.41	13.25	11.83	13.90	12
13	9.75	10.97	28.33	12.64	26.44	17.76	24.60E	24.13	22.39	13.21	12.03	14.21	13
14	9.66	11.04	27.54	12.46	25.49	19.21	24.00E	23.37	22.58	13.17	12.17	14.28	14
15	9.67	11.33	26.43	12.42	24.63	19.36	23.70E	22.81	22.37	13.13	12.20	14.24	15
16	9.57	11.78	25.34	12.29	23.70	19.50	23.70E	22.67	22.11	13.10	12.23	14.21	16
17	9.70	13.75	24.02	12.14	22.78	25.35	23.50E	23.14	21.96	12.86	12.10	14.22	17
18	9.72	14.37	22.55	12.02	21.97	30.25	23.70E	23.91	22.01	12.73	12.04	14.20	18
19	9.69	13.34	21.31	11.87	21.34	30.67	24.60E	24.68	22.08	12.86	12.11	14.27	19
20	9.75	13.20	20.43	11.98	20.71	30.35	25.40E	25.27	22.11	12.83	12.19	14.26	20
21	9.74	17.77	19.87	14.00	20.17	20.59	26.00E	25.81	21.89	12.62	12.26	14.04	21
22	9.57	20.75	19.55	25.21	19.67	28.27	26.44	26.47	21.35	12.65	12.25	13.88	22
23	9.52	20.53	19.21	30.16	19.10	27.31	26.44	27.11	20.94	12.59	12.18	13.74	23
24	9.50	19.04	18.83	30.36	18.51	26.75	26.35	27.68	20.29	12.25	12.14	13.63	24
25	9.50	17.45	18.51	30.22	18.15	26.45	26.58	28.13	19.37E	12.05	12.10	13.49	25
26	9.60	16.42	18.05	29.71	17.96	25.69	26.78	28.44	18.83E	12.14	12.12	13.37	26
27	9.57	15.72	17.47	29.42	17.71	24.50	26.80	28.51	18.63E	12.28	12.26	13.33	27
28	9.52	15.39	17.03	30.14	17.43	23.09	26.83	28.25	18.34E	12.15	12.44	13.25	28
29	9.51	15.72	16.85	31.37	21.91	26.80	27.88	17.86E	12.08	12.53	13.20	29	
30	9.52	20.08	16.56	32.82	21.12	26.59	27.25	17.20E	12.09	12.63	13.02	30	
31	9.62		16.15	33.73	20.63		26.48		11.98	12.77			31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
E — ESTIMATED			11/22/66	2045	21.02	1/24/67	1830	30.46	3/18/67	1930	30.99
NR — NO RECORD			12/ 8/66	0430	30.92	2/ 1/67	0345	33.87	4/28/67	1515	26.87

A Stage affected by tidal action.

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B. & M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 40 33	121 37 15	NW34 ION 3E	35.86	E	12/25/64			Mar 64	DATE	1964	1964
										0.00	USCGS
										-3.00	USCGS

Station located at Woodland Farms, Inc. pumphouse, 250 ft. above Elkhorn Ferry, 10 mi. NW of Sacramento.
Station located in tidal zone.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
 (IN FEET)

WATER YEAR	STATION NO.	STATION NAME
1967	A02100	SACRAMENTO RIVER AT SACRAMENTO

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	3.63	3.34	12.86	7.65	27.20	8.89	13.00	17.60	17.35	9.68	5.07	5.62	1
2	3.68	3.47	13.25	7.31	25.09	8.71	13.61	17.02	16.67	9.54	5.31	5.55	2
3	3.55	3.73	15.39	6.93	23.51	8.68	13.79	16.40	15.97	9.38	5.31	5.59	3
4	3.51	3.93	17.51	6.69	22.48	9.40	13.48	15.66	15.31	9.17	5.24	5.67	4
5	3.49	3.85	18.72	6.92	21.92	9.15	12.92	14.09	14.95	8.98	5.28	5.73	5
6	3.63	4.19	20.61	6.69	21.45	7.83	12.71	14.50	14.77	8.49	5.36	5.76	6
7	3.46	3.88	22.51	6.48	21.09	7.47	14.23	13.99	14.79	7.84	5.24	5.91	7
8	3.19	4.06	23.73	6.28	20.65	7.27	15.99	13.71	14.84	7.36	5.22	6.33	8
9	3.17	4.25	23.37	6.14	20.15	7.28	16.54	13.99	14.77	6.83	5.27	6.47	9
10	3.31	4.19	21.40	5.97	19.68	7.17	16.44	14.64	14.57	6.40	5.22	6.52	10
11	3.87	4.23	20.31	5.87	19.10	7.21	16.39	15.41	14.43	6.05	4.87	6.60	11
12	3.60	4.20	19.81	5.77	18.41	7.75	16.44	15.90	14.31	5.95	4.73	6.62	12
13	3.01	4.23	19.12	5.52	17.61	9.98	16.26	15.70	14.25	5.89	4.87	6.89	13
14	2.90	4.31	18.37	5.25	16.72	10.64	15.81	15.00	14.35	5.97	5.07	6.86	14
15	3.06	4.52	17.30	5.09	15.79	11.68	15.50	14.41	14.23	5.88	5.25	6.74	15
16	3.06	4.89	16.22	4.95	14.69	12.27	15.40	14.21	14.01	6.08	5.38	6.53	16
17	3.16	5.63	15.03	4.79	13.79	17.98	15.31	14.56	13.94	6.08	5.17	6.43	17
18	3.11	6.48	13.61	4.65	12.91	23.56	15.32	15.21	14.10	5.85	5.08	6.30	18
19	3.08	5.99	12.36	4.60	12.32	23.52	16.02	15.97	14.14	5.80	5.15	6.25	19
20	3.31	6.26	11.29	4.94	11.75	23.15	16.71	16.54	14.12	5.80	5.27	6.28	20
21	3.18	8.60	10.73	7.38	11.25	22.01	17.41	17.01	13.98	5.68	5.25	6.42	21
22	2.83	11.45	10.26	15.91	10.75	19.90	17.88	17.62	13.54	5.74	5.18	6.21	22
23	2.74	11.73	10.06	20.83	10.32	18.96	17.94	18.24	13.17	5.65	5.11	6.02	23
24	2.70	10.68	9.84	21.79	9.96	18.34	17.84	18.86	12.66	5.34	5.00	6.03	24
25	2.79	9.46	9.66	21.78	9.73	18.04	17.93	19.30	11.93	5.09	4.95	5.95	25
26	3.09	9.68	9.40	21.19	9.48	17.44	18.13	19.63	11.38	4.94	4.88	5.75	26
27	3.06	8.17	9.00	20.93	9.23	16.39	18.19	19.73	11.15	5.00	5.04	5.77	27
28	3.02	8.00	8.64	22.68	9.02	15.06	18.19	19.59	10.86	4.91	5.23	5.72	28
29	2.90	8.28	8.52	24.34		13.05	18.18	19.28	10.43	4.89	5.22	5.74	29
30	2.80	10.54	8.37	26.18		13.24	17.99	18.77	9.98	5.03	5.26	5.70	30
31	3.01		8.10	27.35		12.81		18.13		5.06	5.59		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
E - ESTIMATED			12/8/66	0800	23.83	3/18/67	1830	24.36			
NR - NO RECORD			1/31/67	1115	27.42						
NF - ND FLOW											

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.O.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FRDM	TD		
38 35 20	121 30 15	NW35 9N 4E	104000	30.14	11/21/50	04 05 6/21-11/21 5/24-12/42 8 5/43-DATE	1/04-7/05 20-DATE	1904 1956 1956 1965	1956 0.00 2.98 -0.23	0.12 USCGS USED USCGS 0.00	USCGS

Station located 1,000 ft. above I Street bridge, 0.5 mi. below the American River. Below approx. 30,000 c.f.s. the stage-discharge relationship is affected by tidal influence. Maximum discharge listed at site and datum then in use. Drainage area is 23,530 sq. mi.

8 - Irrigation season only

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
(IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A07175	AMERICAN RIVER AT FAIR OAKS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.39	1.81	2.87	1.97	9.25 E	2.08	3.94	3.94	4.19	4.14	2.42	2.26	1
2	1.42	1.82	3.19	1.97	5.57 E	1.93	3.95	3.93	4.12	4.18	2.42	2.25	2
3	1.42	1.81	3.70	2.00	4.92	1.90	3.95	3.93	4.10	4.19	2.39	2.25	3
4	1.42	1.79	3.65	2.01	4.32	1.67	3.96	3.93	4.07	4.17	2.40	2.27	4
5	1.41	1.79	3.80	2.01	4.30	1.66	3.94	3.95	4.11	4.17	2.45	2.28	5
6	1.40	1.77	4.92	2.01	4.16	1.52	4.02	3.95	4.12	3.87	2.46	2.29	6
7	1.41	1.76	7.50	2.02	4.12	1.29	3.97	3.95	4.05	3.37	2.50	2.67	7
8	1.42	1.79	8.20	2.02	3.80	1.29	3.95	3.90	4.09	3.10	2.52	3.12	8
9	1.38	1.78	7.52	1.98	3.37	1.29	3.95	3.92	4.11	3.09	2.54	3.09	9
10	1.17	1.77	5.22	1.83	3.27	1.24	3.95	3.93	4.10	3.00	2.47	3.05	10
11	1.18	1.77	4.95	1.80	3.15	1.33	4.02	3.94	4.11	2.88	2.26	3.06	11
12	1.19	1.76	3.46	1.65	3.14	1.38	3.96	3.98	4.10	2.67	2.33	3.06	12
13	1.20	1.75	3.07	1.65	3.21	1.74	3.95	3.92	4.08	2.68	2.33	2.98	13
14	1.19	1.75	2.84	1.63	3.28	3.10	3.97	3.91	4.10	2.70	2.33	2.68	14
15	1.19	1.75	2.83	1.63	2.97	4.00	3.95	3.90	4.12	2.71	2.33	2.34	15
16	1.16	1.76	2.83	1.64	2.74	4.83	3.97	3.97	4.15	2.67	2.31	1.88	16
17	1.19	1.94	2.84	1.64	2.64	8.04	3.95	3.99	4.30	2.63	2.29	1.89	17
18	1.19	2.09	2.84	1.64	2.50	8.60	3.99	3.96	4.32	2.53	2.30	1.88	18
19	1.19	2.09	2.57	1.64	2.50	7.07	4.00	4.00	4.29	2.48	2.30	1.49	19
20	1.19	2.09	2.32	1.65	2.47	7.00	3.97	3.95	4.26	2.49	2.31	1.63	20
21	1.20	2.29	2.14	1.67	2.34	5.37	4.02	3.95	4.26	2.50	2.32	1.62	21
22	1.20	2.88	1.94	2.47	2.21	4.24	4.02	3.94	4.28	2.51	2.30	1.64	22
23	1.19	3.12	1.95	4.00	2.22	4.24	4.02	4.00	4.23	2.51	2.30	1.64	23
24	0.92	3.13	1.97	4.32	2.22	4.21	4.01	4.07	4.23	2.50	2.34	1.64	24
25	0.93	3.14	1.97	4.42	2.22	4.21	3.95	4.09	4.28	2.47	2.34	1.63	25
26	0.94	3.15	1.98	4.51	2.22	4.23	3.98	4.13	4.25	2.40	2.34	1.63	26
27	0.95	3.13	1.96	5.17	2.21	4.03	3.97	4.06	4.25	2.41	2.33	1.63	27
28	0.94	3.12	1.96	7.43	2.21	3.97	3.98	4.17	4.24	2.45	2.31	1.63	28
29	0.92	3.08	1.97	8.03		3.95	3.99	4.20	4.22	2.50	2.35	1.63	29
30	1.00	2.89	1.97	9.25		3.98	3.97	4.19	4.21	2.50	2.29	1.63	30
31	1.80		1.98	10.09		3.96		4.21		2.48	2.26		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
1/31/67	0700	10.26									
3/17/67	1630	9.33									

E — ESTIMATED

NR — NO RECORD

NF — NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 38 08	121 13 36	NE17 9N 7E	180000	31.85	11/21/50	NOV 04-DATE	NOV 04-DATE	1904	1930	65.79	USCGS
								1930	1957	64.79	USCGS
								1957		77.53	USCGS

Station located 2,100 ft. below Nimbus Dam, 2.4 mi. E of Fair Oaks. Flow regulated by Folsom Lake.
Maximum discharge listed at site and datum then in use. Records furn. by USGS.

Drainage area is 1,888 sq. mi.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
 (IN FEET)

WATER YEAR		STATION NO.	STATION NAME
1967	A07140	AMERICAN RIVER AT SACRAMENTO	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	17.36	17.76	19.02	18.12	33.14	18.64	20.86	NR	NR	20.95	18.89	18.72	1
2	17.38	17.78	19.28	18.13	29.42	18.41	20.92	NR	NR	20.96	18.90	18.72	2
3	17.38	17.78	20.57	18.13	27.56	18.41	20.94	21.63	21.53	21.01	18.88	18.71	3
4	17.39	17.78	21.75	18.17	26.35	18.18	20.86	21.33	21.30	20.97	18.81	18.73	4
5	17.37	17.78	22.75	18.17	25.83	18.12	20.85	21.13	21.24	20.97	18.90	18.73	5
6	17.37	17.86	24.75	18.16	25.37	18.08	20.94	21.02	21.23	20.72	18.94	18.73	6
7	17.38	17.77	27.65	18.16	25.06	17.77	21.10	20.91	21.16	20.11	18.96	19.02	7
8	17.38	17.79	29.48	18.16	24.53	17.76	21.50	20.88	21.19	19.68	19.00	19.64	8
9	17.38	17.78	28.89	18.17	23.95	17.76	21.73	20.87	21.23	19.65	19.02	19.66	9
10	17.23	17.78	25.67	18.00	23.47	17.73	21.70	21.02	21.17	19.58	18.99	19.60	10
11	17.18	17.78	24.44	17.99	22.90	17.81	21.76	21.23	21.16	19.46	18.72	19.61	11
12	17.19	17.76	23.64	17.84	22.30	17.91	21.67	21.45	21.12	19.20	18.79	19.60	12
13	17.20	17.76	22.81	17.82	21.69	17.97	21.62	21.34	21.12	19.19	18.78	19.58	13
14	17.18	17.77	22.06	17.80	21.16	19.28	21.44	21.08	21.13	19.20	18.77	19.21	14
15	17.18	17.79	21.13	17.79	20.44	20.76	21.33	20.90	21.14	19.22	18.77	18.92	15
16	17.17	17.85	20.31	17.81	19.64	21.50	21.28	20.92	21.12	19.19	18.76	18.41	16
17	17.16	17.84	19.61	17.80	19.35	26.32	21.27	21.03	21.28	19.17	18.74	18.32	17
18	17.18	18.07	19.16	17.80	19.05	29.99	21.31	21.15	21.37	19.02	18.74	18.33	18
19	17.19	18.17	18.87	17.80	19.01	28.76	21.57	21.47	21.35	18.97	18.75	18.07	19
20	17.18	18.30	18.46	17.85	18.98	28.50	21.81	21.65	21.29	18.98	18.76	18.05	20
21	17.20	18.24	18.42	18.29	18.90	26.69	22.28	21.87	21.29	18.98	18.76	18.05	21
22	17.20	18.84	18.11	19.93	18.70	24.17	22.55	22.23	21.24	18.99	18.74	18.06	22
23	17.17	19.25	18.10	24.42	18.69	23.44	22.60	22.66	21.19	18.99	18.74	18.06	23
24	17.02	19.25	18.11	25.70	18.71	23.00	22.52	23.17	21.12	18.99	18.77	18.05	24
25	16.95	19.25	18.13	25.70	18.73	22.79	22.47	23.51	21.13	18.98	18.77	NR	25
26	16.95	19.25	18.14	25.22	18.70	22.45	NR	23.80	21.07	18.87	18.79	NR	26
27	16.97	19.24	18.11	25.11	18.69	21.83	NR	23.84	21.09	18.88	18.79	NR	27
28	16.98	19.26	18.11	28.09	18.69	21.19	NR	23.79	21.07	18.92	18.76	NR	28
29	16.96	19.24	18.11	29.70	20.97	NR	23.55	21.04	18.98	18.79	NR	29	
30	16.94	18.99	18.12	32.05	20.88	NR	21.01	18.98	18.75	18.98	NR	30	
31	17.52		18.12	33.53		20.85		NR		18.97	18.72		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
E — ESTIMATED			1/31/67	1000	33.62						
NR — NO RECORD			3/18/67	1445	30.67						

NF — NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 34 08	121 25 22	SW 3 8N 5E	176000	45.73	11/21/50	7/21-10/21 5/24-12/42 5/43- 9/59	7/21-10/21 6/24-11/24 6/25-DATE	1921	1921	0.00	USED USCGS

Station located at H Street bridge. Backwater at times affects the stage-discharge relationship. Maximum discharge of record listed is for period 1921, 1929-1932, 1934 to date. Maximum gage height listed does not necessarily indicate maximum discharge. Drainage area is 1,937 sq. mi.

" - Irrigation season only

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
(IN FEET)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.90	4.04	6.49	5.69	11.21	8.54	9.24	8.60	8.51	8.03	6.70	5.56	1
2	1.95	4.08	7.04	5.66	9.98	8.53	9.22	8.58	8.59	7.94	6.67	5.10	2
3	2.06	4.19	9.12	5.65	9.38	8.54	9.16	8.57	8.53	7.93	6.62	4.86	3
4	2.03	4.30	9.37	5.63	9.10	8.55	9.11	8.57	8.54	7.88	6.54	4.74	4
5	2.05	4.35	12.49	5.64	8.90	8.55	9.05	8.60	8.53	7.83	6.51	4.62	5
6	2.02	4.48	11.12	5.59	8.74	8.56	9.27	8.59	8.56	7.75	6.44	4.57	6
7	2.07	4.64	9.11	5.58	8.60	8.55	9.29	8.59	8.56	7.73	6.43	4.61	7
8	2.17	4.69	8.28	5.57	8.52	8.55	9.17	8.60	8.54	7.69	6.38	4.63	8
9	2.22	4.73	7.84	5.55	8.50	8.49	9.03	8.58	8.51	7.65	6.35	4.64	9
10	2.31	4.82	7.78	5.55	8.47	8.63	8.98	8.62	8.50	7.61	6.32	4.65	10
11	2.36	4.92	7.61	5.54	8.47	8.75	8.95	8.60	8.49	7.58	6.27	4.65	11
12	2.49	5.10	7.40	5.54	8.45	8.90	8.87	8.63	8.46	7.55	6.24	4.66	12
13	2.57	5.29	7.23	5.51	8.45	9.15	8.83	8.65	8.49	7.49	6.20	4.64	13
14	2.70	5.39	7.13	5.50	8.37	9.19	8.86	8.65	8.48	7.46	6.17	4.63	14
15	2.79	5.39	6.95	5.49	8.43	9.15	8.93	8.65	8.47	7.43	6.13	4.62	15
16	2.93	6.35	6.79	5.48	8.45	11.76	8.93	8.65	8.44	7.39	6.10	4.56	16
17	3.00	5.49	6.63	5.47	8.45	11.37	9.08	8.65	8.44	7.34	6.06	4.49	17
18	3.12	5.34	6.49	5.46	8.45	10.19	9.40	8.65	8.43	7.26	6.02	4.44	18
19	3.17	5.36	6.36	5.46	8.48	9.59	9.67	8.66	8.39	7.21	6.00	4.38	19
20	3.29	7.28	6.26	6.04	8.47	9.50	9.68	8.65	8.41	7.18	5.94	4.33	20
21	3.35	6.75	6.16	12.84	8.48	9.35	9.50	8.63	8.31	7.14	5.87	4.24	21
22	3.47	7.38	6.08	12.68	8.49	9.15	9.34	8.62	8.23	7.11	5.85	4.19	22
23	3.52	7.11	6.00	10.10	8.49	9.07	9.41	8.57	8.28	7.08	5.80	4.14	23
24	3.64	6.85	5.96	9.19	8.50	8.97	9.47	8.54	8.25	7.03	5.62	4.09	24
25	3.75	6.61	5.91	9.66	8.51	8.88	9.25	8.55	8.20	6.98	5.74	4.04	25
26	3.80	6.42	5.86	10.92	8.54	8.87	9.09	8.52	8.20	6.94	5.73	4.00	26
27	3.91	6.28	5.80	11.85	8.53	8.85	8.97	8.45	8.10	6.90	5.69	3.28	27
28	4.02	6.23	5.77	12.11	8.54	8.76	8.88	8.42	8.10	6.85	5.67	2.75	28
29	4.11	6.43	5.77	13.03		8.74	8.73	8.42	8.09	6.85	5.62	2.76	29
30	4.04	6.51	5.72	12.44		8.99	8.69	8.32	8.05	6.80	5.60	2.76	30
31	3.95		5.70	12.38		9.09		8.32		6.73	5.58		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
E - ESTIMATED			11-19-66	2300	8.96	12- 5-66	1200	12.49	1-29-67	1700	13.12
NR - NO RECORD			12- 2-66	1645	10.24	1-21-67	2130	13.65	3-16-67	2000	11.89

NF - NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO	
39 09 32	122 55 13	SW12 15N 10W		22.14	12/23/64			NOV 59-DATE	1959	1321.2 USCFS

Station located 0.1 mi. above State Highway 29 bridge, 0.7 mi. SW of Upper Lake. Gage ht. reflects the elevation of Clear Lake as well as flow of Scotts Creek. Daily gage height given is shown at 1200 hour.

TABLE B-11 (Cont.)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A81940	CLOVER CREEK BYPASS NEAR UPPER LAKE

DAILY MEAN GAGE HEIGHT
(IN FEET)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			NF	3.08	3.67	NF	NF						1
2			3.84	3.07	3.49	NF	NF						2
3			3.40	3.05	3.41	NF	NF						3
4			4.10	3.05	3.39	NF	NF						4
5			4.08	3.05	3.39	NF	NF						5
6			3.57	NF	3.41	NF	3.38						6
7			3.22	NF	3.37	NF	3.17						7
8			3.13	NF	NF	NF	NF						8
9			3.13	NF	NF	NF	NF						9
10	N	N	3.13	NF	NF	NF	NF	N	N	N	N	N	10
11	O	O	3.12	NF	NF	NF	NF	O	O	O	O	O	11
12			3.12	NF	NF	NF	NF						12
13			3.12	NF	NF	NF	NF						13
14			3.12	NF	NF	NF	NF						14
15	F	F	3.12	NF	NF	NF	NF	F	F	F	F	F	15
16	L	L	3.12	NF	NF	4.13	NF	L	L	L	L	L	16
17			3.12	NF	NF	4.00	3.38						17
18	O	O	3.12	NF	NF	3.90	3.65	O	O	O	O	O	18
19			3.12	NF	NF	3.88	3.57						19
20	W	W	3.12	4.05	NF	3.90	3.19	W	W	W	W	W	20
21			3.12	4.70	NF	3.18	3.42						21
22			3.12	3.70	NF	NF	3.02						22
23			3.12	3.35	NF	NF	3.28						23
24			3.12	3.42	NF	NF	3.35						24
25			3.12	3.34	NF	NF	3.11						25
26			3.12	4.01	NF	NF	NF						26
27			3.12	4.15	NF	NF	NF						27
28			3.11	4.43	NF	NF	NF						28
29			3.11	4.56	NF	NF	NF						29
30			3.10	4.17	NF	NF	NF						30
31			3.10	4.27	NF								31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
E - ESTIMATED	12-2-66	1400	5.38	1-29-67	0500	5.20						
NR - NO RECORD	12-4-66	2100	5.29	6-21-67	0645	5.56						

NF - NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
39 10 33	122 54 00	SE 6 15N 9W	7.31	12/22/64		NOV 59-DATE	NOV 59-DATE	1959		0.00	LOCAL

Station located 0.2 mi. above Lake Pillsbury Road bridge, 0.8 mi. N of Upper Lake. Tributary to Clear Lake via Middle Creek.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
(IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A08125	CACHE CREEK AT YOLO

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	NF	NF	2.89	NR	14.43	NR	6.84	6.97	NF	NF	NF	NF	1
2	NF	NF	2.97	NR	12.69	NR	6.72	4.64	1.01	NF	NF	NF	2
3	NF	NF	9.19	NR	11.72	NR	6.61	4.23	2.15	NF	NF	NF	3
4	NF	NF	5.46	NR	11.10	NR	6.62	4.03	2.27	NF	NF	NF	4
5	NF	NF	14.00	NR	10.66	NR	6.63	3.89	2.06	NF	NF	NF	5
6	NF	NF	9.31	NR	10.24	2.92	7.46	3.75	1.88	NF	NF	NF	6
7	NF	NF	6.74	NR	9.91	2.89	9.34	3.55	1.86	NF	NF	NF	7
8	NF	NF	5.41	NR	8.14	2.86	9.03	3.45	1.77	NF	NF	NF	8
9	NF	NF	4.73	2.54 E	6.13	2.85	8.76	3.34	NF	NF	NF	NF	9
10	NF	NF	4.42	2.53	5.85	2.83	8.63	3.20	NF	NF	NF	NF	10
11	NF	NF	4.44	2.52	5.63	3.36	8.93	3.14	NF	NF	NF	NF	11
12	NF	NF	4.11	2.51	5.46	3.87	5.69	3.04	NF	NF	NF	NF	12
13	NF	NF	3.88	2.50	5.36	4.91	4.38	2.95	NF	NF	NF	NF	13
14	NF	NF	3.74	2.48	5.25	7.45	4.10	2.87	NF	NF	NF	NF	14
15	NF	NF	3.66	NR	5.17	8.28	4.00	2.81	NF	NF	NF	NF	15
16	NF	NF	3.45	NR	5.09	13.30	3.96	2.70	NF	NF	NF	NF	16
17	NF	NF	3.24	NR	5.03	11.75	3.92	1.97	NF	NF	NF	NF	17
18	NF	NF	3.15	NR	4.85	10.07	8.86	NF	NF	NF	NF	NF	18
19	NF	NF	3.06	NR	4.53	9.58	9.57	NF	NF	NF	NF	NF	19
20	NF	2.09	2.99	2.44	4.36	9.24	9.05	NF	NF	NF	NF	NF	20
21	NF	5.31	2.93	14.20	4.26	9.24	9.42	NF	NF	NF	NF	NF	21
22	NF	4.30	2.88	19.94	4.20	9.05	10.15	NF	NF	NF	NF	NF	22
23	NF	3.78	2.82	8.51	4.15	8.94	9.37	NF	NF	NF	NF	NF	23
24	NF	3.13	2.77	10.17	4.09	8.86	10.89	NF	NF	NF	NF	NF	24
25	NF	2.78	2.73	9.82	4.06	6.33	10.13	NF	NF	NF	NF	NF	25
26	NF	2.57	2.68	7.16	4.04	4.60	9.46	NF	NF	NF	NF	NF	26
27	NF	2.42	2.64	11.68	NR	4.36	8.16	NF	NF	NF	NF	NF	27
28	NF	2.37	2.76	13.10	NR	4.20	7.56	NF	NF	NF	NF	NF	28
29	NF	2.58	2.76	18.94	NR	4.13	7.32	NF	NF	NF	NF	NF	29
30	NF	3.02	2.73	17.96	NR	4.19	7.11	NF	NF	NF	NF	NF	30
31	NF		2.70	17.00		5.88		NF		NF		NF	31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12/ 3/66	0800	13.63	1/22/67	0030	29.95	3/16/67	1530	17.34			
12/ 5/66	1330	18.27	1/29/67	1800	23.05	4/24/67	1030	11.39			

NF - NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE NT.	DATE			FROM	TO		
38 43 30	121 48 25		41400	35.11	2/25/58	JAN 03-DATE	JAN 03-DATE	1903	1930	58.24	USCGS
								1930	1954	56.27	USCGS
								1954	1965	52.27	USCGS
								1965		50.27	USCGS

Station located 800 ft. above U. S. Highway 99W bridge, 0.5 mi. S of Yolo. Tributary to Yolo Bypass.
Maximum discharge listed at present datum. Records furn. by USGS. Drainage area is 1,139 sq. mi.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
(IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A02935	YOLO BYPASS NEAR WOODLAND

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	NR	NR	14.80	NR	28.48	12.75	18.57	19.04	16.80	NR	NR	NR	1
2	NR	NR	15.37	NR	28.14	12.34	18.90	18.58	17.43	NR	NR	NR	2
3	NR	NR	17.81	NR	27.59	12.05	18.84	17.29	17.91	NR	NR	NR	3
4	NR	NR	20.37	NR	26.94	11.77	18.74	16.41	18.17	NR	NR	NR	4
5	NR	NR	21.25	NR	26.40	11.63	18.73	16.14	18.63	NR	NR	NR	5
6	NR	NR	24.71	NR	25.98	11.46	19.00	15.94	19.04	NR	NR	NR	6
7	NR	NR	25.55	NR	25.62	11.28	19.87	15.74	19.12	NR	NR	NR	7
8	NR	NR	25.48	NR	25.29	11.09	20.25	15.60	19.18	NR	NR	NR	8
9	NR	NR	25.13	NR	24.81	10.98	20.11	14.90	19.18	NR	NR	NR	9
10	NR	NR	24.82	NR	24.09	10.94	20.00	14.34	19.00	NR	NR	NR	10
11	NR	NR	24.54	NR	22.26	11.20	20.00	14.43	18.70	NR	NR	NR	11
12	NR	NR	24.25	NR	20.53	12.53	19.50	14.18	18.20	NR	NR	NR	12
13	NR	NR	23.34	NR	18.87	14.18	17.65	13.48	17.52	NR	NR	NR	13
14	NR	NR	21.48	NR	17.82	16.17	16.63	12.55	17.00	NR	NR	NR	14
15	NR	NR	18.98	NR	17.14	19.37	16.24	11.93	16.70	NR	NR	NR	15
16	NR	NR	16.87	NR	16.78	20.48	15.98	11.61	16.40	NR	NR	NR	16
17	NR	NR	16.13	NR	16.37	21.75	15.76	11.03	15.70	NR	NR	NR	17
18	NR	NR	15.62	NR	15.97	22.16	17.36	NR	14.90	NR	NR	NR	18
19	NR	NR	14.97	NR	15.49	24.61	20.07	NR	14.10	NR	NR	NR	19
20	NR	NR	14.50	NR	14.73	24.37	20.15	NR	13.72	NR	NR	NR	20
21	NR	NR	14.15	NR	14.22	23.06	20.18	NR	13.48	NR	NR	NR	21
22	NR	NR	13.89	24.01	13.92	21.16	20.68	NR	13.30	NR	NR	NR	22
23	NR	17.35	13.53	25.62	13.76	20.17	20.78	NR	12.80	NR	NR	NR	23
24	NR	16.67	NR	25.90	13.60	19.88	20.94	NR	12.20	NR	NR	NR	24
25	NR	15.29	NR	25.75	13.80	19.44	21.18	11.67	NR	NR	NR	NR	25
26	NR	13.38	NR	25.28	13.76	17.36	21.05	15.49	NR	NR	NR	NR	26
27	NR	11.68	NR	24.97	13.59	16.31	20.72	17.51	NR	NR	NR	NR	27
28	NR	10.79	NR	25.10	13.21	15.86	20.12	17.28	NR	NR	NR	NR	28
29	NR	11.03	NR	26.00		15.71	19.65	16.55	NR	NR	NR	NR	29
30	NR	12.06	NR	27.30		15.94	19.31	16.13	NR	NR	NR	NR	30
31	NR		NR	28.16		16.98		16.39	NR	NR	NR	NR	31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
E - ESTIMATED			12/ 7/66	1730	25.66	2/ 1/67	1200	28.52	4/ 8/67	0730	20.29
NR - NO RECORD			1/23/67	1800	26.04	3/19/67	1300	24.78	4/25/67	0600	21.20

NF - NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE NT.	DATE			FROM	TO		
38 40 40	121 38 35	SE28 10N 3E	272000	32.00	2/8/42	3/30-10/38 1/39-DATE	6	40-41 # 41-DATE	1930 1941 1941	0.73 0.00 -3.41	USED USED USCGS

Station located just above the Sacramento-Woodland Railroad bridge, 6 mi. above the Sacramento Bypass, 7 mi. below Fremont Weir, 7 mi. E of Woodland. Gage heights for low flow are not recorded. Records furn. by USGS.

% - Irrigation season only
- Flood season only

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
 (IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A02910	YOLO BYPASS ABOVE SACRAMENTO BYPASS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	NR	NR	12.98	NR	22.80	11.47	15.74	15.90	14.70	NR	11.71	12.58	1
2	NR	NR	13.60	NR	22.56	11.16	15.89	15.78	15.09	NR	11.76	12.64	2
3	NR	NR	15.06	NR	21.82	10.88	15.88	15.29	15.41	10.06	11.84	12.63	3
4	NR	NR	16.65	NR	20.86	10.67	15.85	14.78	15.54	10.51	11.93	12.75	4
5	NR	NR	17.31	NR	19.76	10.57	15.85	14.53	15.74	10.91	11.83	12.75	5
6	NR	NR	18.42	NR	19.20	10.41	15.65	14.34	15.98	11.23	11.76	12.64	6
7	NR	NR	19.59	NR	18.56	10.21	15.18	14.14	16.03	11.51	11.67	11.79	7
8	NR	NR	20.17	NR	18.08	10.01	16.28	13.95	16.05	11.70	11.37	9.94	8
9	NR	NR	19.66	NR	17.65	9.88	16.27	13.38	16.05	11.83	11.12	NR	9
10	NR	NR	19.11	NR	17.32	9.77	16.24	12.75	15.98	11.98	11.04	NR	10
11	NR	NR	18.70	NR	17.06	NR	16.25	12.75	15.85	12.04	11.01	NR	11
12	NR	NR	18.49	NR	16.72	NR	16.14	12.59	15.57	12.05	11.18	NR	12
13	NR	NR	18.25	NR	16.23	NR	15.55	12.07	15.24	11.91	11.60	NR	13
14	NR	NR	17.75	NR	15.76	NR	14.99	11.24	14.89	11.72	11.80	NR	14
15	NR	NR	16.54	NR	15.37	15.98	14.69	10.65	14.67	11.68	11.86	NR	15
16	NR	NR	14.70	NR	15.14	16.31	14.43	10.34	14.45	11.77	11.93	NR	16
17	NR	NR	13.62	NR	14.80	16.65	14.18	9.97	13.95	11.80	12.03	NR	17
18	NR	NR	12.72	NR	14.45	16.79	14.92	NR	13.21	11.84	12.04	NR	18
19	NR	NR	11.37	NR	14.07	17.21	16.08	NR	12.53	11.77	12.00	NR	19
20	NR	NR	10.45	NR	13.36	17.28	16.16	NR	12.16	11.62	11.92	NR	20
21	NR	NR	9.81	NR	12.86	17.07	16.18	NR	12.02	11.48	11.81	NR	21
22	NR	13.55	NR	17.21	12.56	16.72	16.29	NR	11.98	11.49	11.82	NR	22
23	NR	15.08	NR	17.75	12.44	16.43	16.35	NR	11.58	11.74	11.55	NR	23
24	NR	14.80	NR	19.11	12.25	16.29	16.38	NR	11.06	11.84	11.27	NR	24
25	NR	13.78	NR	18.80	12.42	16.17	16.46	10.20	10.72	11.81	11.21	NR	25
26	NR	12.17	NR	18.20	12.37	15.46	16.44	13.38	10.54	11.66	11.50	NR	26
27	NR	10.65	NR	17.72	12.20	14.87	16.38	15.08	10.13	11.69	11.79	NR	27
28	NR	9.72	NR	17.71	11.88	14.44	16.22	15.07	9.79	11.82	12.14	NR	28
29	NR	9.81	NR	18.42		14.24	16.07	14.62	NR	11.82	12.31	NR	29
30	NR	10.37	NR	20.60		14.25	15.96	14.25	NR	11.77	12.40	NR	30
31	NR		NR	22.06		14.92		14.40		11.71	12.48		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
E — ESTIMATED			12/ 8/66	0830	20.27	2/ 1/67	1445	22.88	4/ 8/67	1215	16.30
NR — NO RECORD			1/24/67	0645	19.44	3/19/67	2200	17.36	4/25/67	1615	16.48

NF — NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T & R M.O.B & M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 35 58	121 35 22	NE 25 9N 3E		26.9	12/24/55			25-DATE		1925 1925	0.00 -3.07

Station located at intersection of east levee of Yolo Bypass and north levee of Sacramento Bypass, 5.6 mi. NW of Sacramento. Gage heights below 9.5 are not recorded.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT (IN FEET)			WATER YEAR	STATION NO.	STATION NAME								
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7.82	6.97	4.61	4.85	14.35	7.35	9.95	10.81	5.85	7.76	7.80	7.11	1
2	7.77	6.92	5.08	4.85	13.92	7.23	9.82	10.54	5.55	7.66	7.84	7.01	2
3	7.75	6.90	4.44	4.85	13.45	7.16	9.68	10.40	5.55	7.67	7.89	6.95	3
4	7.39	6.90	4.61	4.86	12.90	7.06	9.55	10.21	5.68	7.69	7.86	6.83	4
5	7.00	6.89	5.23	4.97	12.59	6.94	9.43	10.03	5.76	7.67	7.75	6.95	5
6	6.92	5.64	4.66	5.07	12.14	6.85	9.97	9.86	5.92	7.70	7.59	7.01	6
7	6.75	4.01	4.45	5.03	11.78	6.78	10.46	9.71	6.13	7.62	7.50	6.96	7
8	6.67	4.01	4.67	4.99	11.43	6.71	10.46	8.94	6.20	7.69	7.54	7.00	8
9	6.62	4.01	4.86	4.99	11.08	6.67	10.36	6.68	6.24	7.67	7.57	6.91	9
10	7.07	4.08	4.70	4.99	10.78	6.53	10.27	6.50	6.27	7.16	7.62	6.78	10
11	7.33	4.58	4.59	5.12	10.40	7.23	10.36	6.48	6.44	7.45	7.46	6.73	11
12	7.27	4.91	4.84	5.19	10.17	7.81	10.26	6.49	6.48	7.63	7.43	6.76	12
13	7.16	4.93	4.83	5.12	9.95	8.47	10.11	6.50	6.60	7.76	7.40	6.74	13
14	7.10	4.81	4.81	4.99	9.66	8.68	9.94	6.50	6.51	7.77	7.43	6.65	14
15	7.04	4.62	4.79	4.99	9.39	8.73	9.80	6.49	6.58	7.73	7.53	6.58	15
16	7.02	4.52	4.79	4.99	9.16	11.15	9.67	6.48	6.86	7.71	7.51	6.44	16
17	7.02	4.21	4.78	4.99	8.95	11.89	9.71	6.50	6.93	7.81	7.45	6.31	17
18	6.97	4.03	4.78	5.04	8.76	11.77	10.35	6.50	6.91	7.73	7.50	6.23	18
19	6.96	4.09	4.78	5.08	8.61	11.53	10.75	6.47	7.02	7.65	7.58	6.12	19
20	6.97	4.10	4.78	4.85	8.38	11.24	10.77	6.44	7.23	7.63	7.41	6.09	20
21	6.97	4.64	4.85	7.45	8.22	11.05	10.82	6.48	7.24	7.57	7.39	6.17	21
22	6.97	4.94	5.04	5.59	8.06	10.83	10.96	6.70	7.28	7.55	7.52	6.15	22
23	7.04	4.81	5.09	4.70	7.92	10.65	11.00	6.91	7.22	7.47	7.56	6.00	23
24	6.99	4.81	4.85	7.47	7.81	10.43	11.63	6.98	7.23	7.38	7.52	5.90	24
25	6.95	4.93	4.85	9.25	7.80	10.20	12.24	7.25	7.35	7.39	7.60	6.32	25
26	6.95	5.00	4.85	9.78	7.69	9.95	12.00	7.24	7.32	7.45	7.44	6.59	26
27	6.95	5.00	4.86	10.45	7.56	9.73	11.76	7.07	7.19	7.57	7.26	6.62	27
28	6.95	4.96	4.86	11.01	7.44	9.56	11.51	7.18	7.29	7.53	7.06	6.58	28
29	6.94	4.84	4.86	13.18		9.35	11.27	7.06	7.49	7.39	7.03	6.27	29
30	6.95	4.61	4.86	14.20		9.33	11.03	7.04	7.65	7.43	7.12	6.45	30
31	6.93		4.85	14.62		9.91		7.00		7.64	7.19		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
E — ESTIMATED			1/31/67	0645	14.69	4/ 8/67	0030	10.53			
NR — NO RECORD			3/17/67	1045	11.95	4/24/67	2130	12.39			
NF — NO FLOW											

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.O.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 30 55	122 04 50	NE28 8N 2W	81000	30.5	2/27/40	JUL 30-DATE	JUN 30-DATE	1930 1940	1940	161.8 160.75	USCGS USCGS

Station located 1.3 mi. below Monticello Dam, 6 mi. W of Winters. Flow regulated by Lake Berryessa. Maximum discharge listed at present datum. Records furn. by USGS. Drainage area is 574 sq. mi.

TABLE B-11 (Cont.)

**DAILY MEAN GAGE HEIGHT
(IN FEET)**

	WATER YEAR	STATION NO.	STATION NAME
	1967	B07020	SAN JOAQUIN RIVER NEAR VERNALIS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	10.39	10.83	11.63	14.35 E	19.54	15.55	17.65	28.93	28.08	27.38	14.12	13.20	1
2	10.40	10.85	11.75 E	13.80 E	19.37	15.23	19.58	28.73	28.28	27.50	13.95	13.30	2
3	10.56	11.16	11.95 E	13.45 E	19.71	15.07	20.39	28.55	28.30	27.60	14.07	13.43	3
4	10.67	11.43	12.05 E	13.30 F	19.72	14.88	20.47	28.38	27.89	27.58	14.01	13.47	4
5	10.74	11.43	12.15 F	13.65	19.41	14.65	19.30	28.23	27.32	27.34	13.74	13.34	5
6	10.77	11.45	12.31 E	13.62	19.11	14.12	18.48	28.08	27.28	27.01	13.68	13.17	6
7	10.85	11.58	14.43	13.63	18.90	13.72	19.18	27.90	27.73	26.84	13.71	13.11	7
8	10.77	11.61	17.40 E	13.57	18.95	13.77	21.63	27.68	27.79	26.35	13.77	13.08 F	8
9	10.86	11.62	18.40 E	13.36	19.13	13.50	23.45	27.48	27.41	25.86	13.68	12.97	9
10	10.87	11.63	19.20 E	13.29	19.26	13.31	24.07	27.33	27.30	25.30	13.62	13.11	10
11	10.74	11.63	20.07 F	13.41	19.29	13.48	24.24	27.43	27.42	24.61	13.52	13.27	11
12	10.97	11.60	19.80 F	13.20	19.03 E	14.87	24.28	27.74	27.69	24.24	13.58	13.26	12
13	11.14	11.61	18.70 E	12.97 E	18.43 E	13.78	24.19	27.81	27.95	23.25	13.62	13.08	13
14	11.19	11.59	17.60 E	12.89 E	17.90 E	14.73	24.24	27.15	27.89	22.10	13.58	13.05	14
15	11.26	11.52	16.90 E	12.71 E	17.49 E	15.86	24.28	26.63	27.14	20.52	13.41	12.98	15
16	11.34	11.65	16.60 E	12.52 E	17.41 F	17.32	23.68	26.52	26.21	NR	13.32	13.10	16
17	11.42	11.73	16.44 E	12.46 E	17.36 E	20.22	23.08	26.60	25.45	19.59 E	13.25	13.23	17
18	11.33	11.71	16.30 E	12.47 E	17.15 E	23.06	22.63	26.62	25.41	20.05 E	13.18	13.30	18
19	11.27	11.68	16.20 F	12.50 E	16.93 E	24.63	22.86	26.35	25.75	19.74 E	13.13	13.38	19
20	11.34	11.57	16.12	12.52 E	16.75 E	25.39	24.32	26.09	26.27	19.12 E	13.20	13.27	20
21	11.38	11.17	16.09	12.60 E	16.72 E	25.59	25.08	25.80	26.65	18.12 E	13.30	13.17	21
22	11.38	10.97	16.07	13.17	16.60 E	25.17	25.34	25.52	26.70	17.21 E	13.31	13.25	22
23	11.44	11.22 E	16.05	15.45	16.60 E	24.02	25.98	25.67	26.52	16.74 E	13.16	13.35	23
24	11.44	11.60 E	16.04	16.09	16.82 E	21.82	26.65	26.25	26.37	16.14 E	13.16	13.43	24
25	11.17	11.65 E	15.92	16.23	16.63	20.00	27.48	26.96	26.57	15.78 E	13.21	13.52	25
26	10.98	11.25	15.80	17.22	16.22	19.08	28.56	27.55	26.93	15.81 E	13.15	13.49	26
27	10.98	11.16	15.75	16.49	15.80	18.40	28.97	27.57	27.30	15.06 E	13.13	13.45	27
28	11.01	11.14	15.68	17.23	15.59	17.79	29.03	27.46	27.52	14.54 E	13.26	13.37	28
29	11.05	10.98	15.14	17.80		17.19	29.20	27.58	27.64	14.27 E	13.28	13.58	29
30	11.02	11.20 E	14.83	17.53		16.70	29.22	27.68	27.49	14.28 E	13.21	13.83	30
31	11.03		14.78	18.33		16.77		27.87		14.28 E	13.29		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE									
3/21/67	1200	25.62	4/12/67	2100	24.35	4/30/67	0200	29.28	6/14/67	0100	28.01
4/4/67	0830	20.59	4/15/67	0400	24.35	6/3/67	0400	28.36	6/29/67	1200	27.68

NF - NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT DHLY	PERIOD		ZERO OH GAGE	REF. OATUM
			CFS	GAGE HT.	DATE			FROM	TO		
37 40 34	121 15 51		79000	32.81	12/9/50	7/22-12/23 0	7/22-12/23 0	1931	1959	5.06	USCGS
						1/24-2/25	1/24-2/25		1959	0.00	USCGS
						6/25-10/28 0	6/25-10/28 0	1959		3.3	USED
						5/29-DATE	5/29-DATE				

Station located 30 ft. above the Durham Ferry Highway bridge, 3 mi. below the Stanislaus River, 3.4 mi. NE of Vernalis. Maximum discharge listed at site then in present datum. Records furn. by USGS. Drainage area is 13,540 sq. mi.

° - Irrigation season only

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
(IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	B02105	MOKELOMNE RIVER AT WOODBRIDGE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	3.64	4.67	3.97	3.59	4.25	3.64	4.37	NR	16.43	9.14	5.35	8.84	1
2	3.89	4.97	4.08	3.58	3.90	3.60	5.52	NR	16.47	10.32	5.42	9.03	2
3	4.07	5.31	3.99	3.58	3.76	3.59	6.18	17.46 E	16.50	10.61	5.48	9.04	3
4	4.02	5.57	3.93	3.58	3.72	3.41	6.35	17.38	16.46	11.23	5.74	9.01	4
5	3.91	5.13	4.08	3.17	3.69	3.42	6.40	17.42	16.38	12.33	7.65	9.00	5
6	3.87	4.51	4.40	3.21	3.68	3.55	6.57	17.23	16.44	11.15	8.42	8.94	6
7	3.88	4.43	4.20	3.47	3.67	3.59	6.72	17.18	16.48	9.81	8.51	8.92	7
8	3.94	4.28	4.06	3.52	3.65	3.62	6.66	17.04	16.39	11.47	8.52	8.94	8
9	4.23	4.17	3.96	3.53	3.65	3.35	6.60	16.90	16.39	9.73	8.57	9.03	9
10	4.31	4.16	3.95	3.53	3.65	3.48	7.06	16.89	15.33	7.63	8.43	9.18	10
11	4.12	4.07	3.89	3.53	3.64	3.67	8.22	16.87	14.76	8.30	8.44	9.15	11
12	4.12	4.04	3.86	3.55	3.64	3.72	9.39	16.84	14.75	7.54	8.72	9.22	12
13	4.14	4.01	3.85	3.56	3.64	3.68	9.59 E	16.66	12.99	7.43	8.72	9.26	13
14	4.06	4.01	3.91	3.57	3.62	3.66	NR	16.63	10.65	6.80	8.75	9.43	14
15	3.98	4.06	3.85	3.58	3.62	3.64	NR	16.65	8.22	9.88	8.63	9.44	15
16	3.94	4.32	3.83	3.57	3.62	3.83	NR	16.50	7.67	10.40	8.52	9.63	16
17	3.98	4.07	3.80	3.56	3.62	4.04	NR	16.45	7.43	10.43	8.45	9.62	17
18	3.97	4.07	3.71	3.55	3.91	3.81	NR	16.46	7.28	10.20	8.46	9.65	18
19	3.99	4.13	3.69	3.54	3.66	3.64	NR	16.45	7.21	8.53	8.65	9.64	19
20	4.02	4.46	3.68	3.66	3.68	3.51	NR	16.46	7.17	8.29	8.77	9.61	20
21	3.99	4.19	3.67	4.26	3.63	3.38	NR	16.46	7.06	7.76	8.75	9.59	21
22	3.95	4.12	3.66	5.84	3.62	3.31	NR	16.44	6.77	6.14	8.60	9.88	22
23	3.92	3.84	3.28	4.61	3.60	3.32	NR	16.39	6.82	5.33	8.56	10.37	23
24	3.93	3.94	3.81	4.15	3.60	3.36	NR	16.36	6.84	4.82	8.47	10.50	24
25	3.87	3.93	3.62	4.37	3.69	3.34	NR	16.35	6.88	5.02	8.64	10.70	25
26	3.85	3.93	3.60	3.95	3.62	3.34	NR	16.30	6.88	5.42	8.68	10.50	26
27	3.86	3.91	3.59	3.82	3.55	3.38	NR	16.36	6.84	5.45	8.76	10.50	27
28	3.84	4.08	3.58	3.82	3.48	3.43	NR	16.35	8.69	5.92	8.83	10.46	28
29	3.84	3.97	3.59	3.95	3.48	3.66	NR	16.36	9.13	5.46	8.74	10.52	29
30	3.82	3.94	3.59	4.36	3.66	3.34	NR	16.34	9.10	5.60	8.69	10.60	30
31	4.31		3.58	4.40		4.32		16.35		5.65	8.69		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
5/ 3/67	NR	17.72									

E -- ESTIMATED

NR -- NO RECORD

NF -- NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 09 30	121 18 10	NE34 4N 6E	27000	29.58	11/22/50	5/24-10/25 ° 1/26--DATE	5/24-DATE	1924	1931	18.9 14.9	USCGS USCGS

Station located 0.3 mi. below county highway bridge, 0.4 mi. below dam and canal intake of Woodbridge Irrigation District. Flow regulated by reservoirs and power plants. Records furn. by USGS. Drainage area is 661 sq. mi.

° - Irrigation season only

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
 (IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	B11150	COSUMNES RIVER AT MICHIGAN BAR

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	2.20	2.30	3.40	3.21	6.19	3.77	5.32	4.88	4.93	4.10	2.91	2.68	1
2	2.17	2.29	4.20	3.19	5.55	3.76	5.05	4.85	4.82	4.04	2.89	2.71	2
3	2.20	2.29	4.96	3.17	5.19	3.74	4.93	4.86	4.72	4.00	2.88	2.68	3
4	2.20	2.29	4.18	3.15	4.94	3.78	4.90	4.90	4.67	3.89	2.87	2.65	4
5	2.22	2.29	5.04	3.15	4.76	3.79	5.16	4.97	4.82	3.82	2.87	2.66	5
6	2.23	2.36	6.39	3.16	4.63	3.78	5.54	5.07	4.89	3.75	2.86	2.67	6
7	2.29	2.43	5.75	3.11	4.55	3.77	7.08	5.11	4.78	3.68	2.83	2.67	7
8	2.32	2.48	4.85	3.11	4.48	3.76	5.87	5.30	4.74	3.62	2.83	2.62	8
9	2.28	2.61	4.43	3.11	4.43	3.76	5.44	5.57	4.72	3.57	2.82	2.62	9
10	2.26	2.53	4.26	3.09	4.41	3.75	5.41	6.07	4.72	3.53	2.81	2.62	10
11	2.26	2.49	4.12	3.08	4.37	4.16	5.87	5.89	4.67	3.48	2.81	2.59	11
12	2.26	2.47	3.97	3.08	4.35	4.79	5.53	5.64	4.64	3.43	2.79	2.59	12
13	2.26	2.45	3.87	3.08	4.34	5.99	5.28	5.48	4.60	3.39	2.78	2.61	13
14	2.25	2.45	3.80	3.07	4.37	5.62	5.16	5.38	4.56	3.36	2.77	2.57	14
15	2.23	2.46	3.72	3.06	4.31	4.94	5.27	5.42	4.53	3.31	2.76	2.60	15
16	2.25	2.67	3.65	3.06	4.28	6.86	5.18	5.61	4.54	3.28	2.74	2.54	16
17	2.26	3.18	3.61	3.05	4.17	7.43	5.15	5.83	4.61	3.27	2.72	2.54	17
18	2.27	3.02	3.57	3.05	4.12	6.51	6.18	5.98	4.61	3.23	2.72	2.54	18
19	2.27	2.90	3.53	3.03	4.08	6.02	5.94	5.93	4.58	3.21	2.70	2.56	19
20	2.28	3.13	3.51	3.07	4.02	5.69	5.60	5.89	4.53	3.18	2.69	2.64	20
21	2.27	3.58	3.48	5.48	3.97	5.48	5.72	5.97	4.49	3.14	2.68	2.63	21
22	2.28	3.51	3.45	7.16	3.92	5.37	5.78	6.03	4.46	3.11	2.67	2.62	22
23	2.28	3.28	3.42	5.05	3.88	5.41	5.68	5.97	4.40	3.09	2.68	2.56	23
24	2.28	3.03	3.38	5.39	3.87	5.43	5.80	5.84	4.33	3.07	2.67	2.57	24
25	2.30	2.90	3.36	5.70	3.94	5.27	5.58	5.71	4.31	3.04	2.67	2.60	25
26	2.29	2.82	3.34	5.14	3.93	5.14	5.34	5.54	4.30	3.03	2.66	2.62	26
27	2.30	2.77	3.31	5.65	3.84	5.04	5.28	5.41	4.24	3.01	2.66	2.59	27
28	2.30	2.86	3.26	5.20	3.81	4.97	5.24	5.31	4.19	2.98	2.71	2.59	28
29	2.30	3.16	3.27	6.58		5.12	5.10	5.19	4.13	2.97	2.69	2.57	29
30	2.30	3.53	3.27	6.56		4.97	4.98	5.09	4.09	2.96	2.67	2.57	30
31	2.29		3.24	7.16		5.33		4.98		2.94	2.65		

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
E - ESTIMATED			12/ 6/66	1900	7.30	1/29/67	1200	7.45	3/16/67	2400	8.07
NR - NO RECORD			1/22/67	0200	9.56	1/31/67	1330	7.72	4/ 7/67	0400	7.95

NF - NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	DF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 30 00	121 02 45	SE36 8N 8E	42000	14.59	12/23/55	OCT 07-DATE	OCT 07-DATE	1907		168.09	USCGS

Station located on highway bridge, 5.5 mi. SW of Latrobe. Flow partly regulated by Jenkinson Lake.
Records furn. by USGS. Drainage area is 536 sq. mi.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
(IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	B01125	COSUMNES RIVER AT MCCONNELL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	NF	NF	31.71	31.25	40.12	31.80	36.18	34.66	34.78	32.79	NR	NF	1
2	NF	NF	32.06	31.20	36.92	31.76	35.23	34.51	34.49	32.80	NR	NF	2
3	NF	NF	35.54	31.17	35.48	31.73	34.63	34.47	34.24	32.71	NR	NF	3
4	NF	NF	34.36	31.15	34.68	31.75	34.38	34.55	34.00	32.54	30.68	NF	4
5	NF	NF	34.06	31.12	34.16	31.80	34.93	34.69	34.10	32.46	31.45	NF	5
6	NF	NF	38.33	31.12	33.79	31.77	34.91	34.92	34.72	32.33	31.89	NF	6
7	NF	NF	39.37	31.12	33.54	31.74	39.71	34.98	34.37	32.19	32.00	NF	7
8	NF	NF	35.74	31.05	33.37	31.72	38.31	35.38	34.25	32.07	31.65	NF	8
9	NF	NF	34.09	31.07	33.23	31.70	36.35	36.05	34.19	31.99	31.19	NF	9
10	NF	NF	33.44	31.04	33.13	31.68	35.60	37.09	34.17	31.93	31.00	NF	10
11	NF	NF	33.12	31.03	33.04	31.98	37.46	37.33	34.12	31.82	31.12	NF	11
12	NF	NF	32.73	31.02	32.95	33.27	37.40	36.64	34.04	31.74	31.30	NF	12
13	NF	NF	32.45	31.02	32.91	37.08	35.93	36.18	33.96	31.62	31.14	NF	13
14	NF	NF	32.27	31.01	32.90	37.81	35.41	35.87	33.85	31.61	31.14	NF	14
15	NF	NF	32.12	30.98	32.87	35.46	35.34	35.82	33.80	31.54	31.12	NF	15
16	NF	NF	31.96	30.98	32.67	36.64	35.61	36.18	33.78	31.50	30.46	NF	16
17	NF	30.36 A	31.87	30.97	32.54	41.89	35.02	36.77	33.85	31.41	NR	NF	17
18	NF	31.02	31.79	30.96	32.42	39.94	37.58	37.18	33.96	31.34	NR	NF	18
19	NF	30.85	31.75	30.95	32.33	37.71	37.92	37.22	33.88	31.33	NR	NF	19
20	NF	31.00	31.70	30.97	32.24	36.60	37.19	37.15	33.75	31.28	NR	NF	20
21	NF	31.41	31.65	32.83	32.12	35.90	36.61	37.26	33.63	31.30	NR	NF	21
22	NF	32.46	31.62	43.02	32.02	35.50	37.81	37.46	33.58	31.14	NR	NF	22
23	NF	32.29	31.55	38.13	31.95	35.40	37.39	37.37	33.47	31.09	NR	NF	23
24	NF	31.50	31.51	35.58	31.90	35.72	37.58	37.03	33.32	31.11	NR	NF	24
25	NF	31.12	31.47	38.58	32.02	35.27	36.94	36.74	33.24	31.06	NR	NF	25
26	NF	30.84	31.42	35.54	32.20	34.95	36.07	36.32	33.23	30.98	NR	NF	26
27	NF	30.76	31.38	36.93	32.03	34.66	35.68	35.96	33.15	30.95	NR	NF	27
28	NF	30.71	31.32	36.03	31.90	34.42	35.66	35.65	33.04	30.94	NR	NF	28
29	NF	30.80	31.29	38.28		34.73	35.22	35.38	32.94	30.90	NR	NF	29
30	NF	31.50	31.30	40.76		34.45	34.89	35.11	32.82	30.90	NR	NF	30
31	NF		31.28	41.17		34.92		34.84		30.87	NR		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12/ 7/66	0500	40.83	1/30/67	0330	41.40	3/17/67	1600	42.49			
1/22/67	1430	45.19	2/ 1/67	0200	41.68	4/ 7/67	1400	41.06			

NF - NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.M.	DF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
38 21 29	121 20 34	20 6N 6E	54000	46.26	12/23/55	10/41-DATE	1/31-5/40 #	1931		0.00	USED
						10/41-DATE					

Station located on U. S. Highway 99 bridge, 0.2 mi. S of McConnell, 7.0 mi. N of Galt. Maximum discharge of record listed is for period 1943 to date. Records furn. by USGS. Drainage area is 724 sq. mi.

- Flood season only

A - Mean gage height for period of flow.

TABLE B-11 (Cont.)

DAILY MEAN GAGE HEIGHT
 (IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
	1967	G32100	EAGLE LAKE NEAR SUSANVILLE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	4.34	4.10	4.30	4.57	4.62	4.82	5.86	6.30	7.47	7.68	7.18	NR	1
2	4.33	4.10	4.32	4.57	4.62	4.92	5.88	6.32	7.50	7.67	7.17	NR	2
3	4.31	4.09	4.35	4.57	4.62	5.07	5.89	6.33	7.53	7.65	7.16	NR	3
4	4.30	4.09	4.35	4.57	4.62	5.14	5.89	6.35	7.54	7.63	7.15	NR	4
5	4.30	4.09	4.42	4.57	4.62	5.20	5.89	6.37	7.56	7.62	7.13	NR	5
6	4.29	4.09	4.48	4.57	4.62	5.24	5.90	6.39	7.59	7.60	7.10	NR	6
7	4.28	4.08	4.48	4.58	4.62	5.24	5.92	6.41	7.59	7.58	7.09	NR	7
8	4.27	4.08	4.49	4.58	4.62	5.24	5.95	6.44	7.60	7.55	7.07	NR	8
9	4.25	4.08	4.49	4.58	4.62	5.26	5.95	6.45	7.62	7.54	7.06	NR	9
10	4.25	4.08	4.50	4.58	4.62	5.27	5.96	6.52	7.65	7.53	7.04	NR	10
11	4.24	4.07	4.50	4.58	4.62	5.32	5.98	6.61	7.66	7.52	7.02	NR	11
12	4.25	4.06	4.50	4.58	4.62	5.35	5.99	6.67	7.67	7.51	7.00	NR	12
13	4.21	4.05	4.52	4.58	4.62	5.36	6.01	6.70	7.68	7.48	6.99	NR	13
14	4.19	4.03	4.54	4.58	4.62	5.36	6.02	6.72	7.69	7.45	6.98	NR	14
15	4.18	4.05	4.54	4.58	4.62	5.38	6.03	6.76	7.70	7.43	6.97	NR	15
16	4.18	4.12	4.54	4.58	4.62	5.42	6.05	6.81	7.70	7.41	6.95	NR	16
17	4.17	4.13	4.54	4.58	4.62	5.49	6.06	6.87	7.70	7.39	6.95	NR	17
18	4.16	4.13	4.55	4.58	4.62	5.52	6.08	6.92	7.71	7.37	6.93	NR	18
19	4.15	4.14	4.55	4.58	4.62	5.55	6.09	7.01	7.75	7.36	NR	NR	19
20	4.15	4.17	4.55	4.58	4.62	5.58	6.11	7.09	7.74	7.34	NR	NR	20
21	4.14	4.22	4.55	4.59	4.62	5.62	6.12	7.16	7.75	7.32	NR	NR	21
22	4.13	4.25	4.55	4.59	4.62	5.63	6.14	7.22	7.74	7.30	NR	NR	22
23	4.12	4.26	4.55	4.59	4.62	5.67	6.15	7.27	7.70	7.28	NR	NR	23
24	4.12	4.26	4.56	4.59	4.63	5.71	6.17	7.31	7.72	7.27	NR	NR	24
25	4.12	4.26	4.57	4.59	4.69	5.74	6.18	7.32	7.72	7.25	NR	NR	25
26	4.11	4.26	4.57	4.59	4.70	5.77	6.20	7.36	7.70	7.24	NR	6.46	26
27	4.11	4.26	4.57	4.59	4.71	5.77	6.22	7.38	7.70	7.23	NR	6.46	27
28	4.10	4.27	4.57	4.59	4.73	5.79	6.24	7.40	7.69	7.21	NR	6.45	28
29	4.10	4.30	4.57	4.60		5.81	6.26	7.41	7.69	7.20	NR	6.44	29
30	4.10	4.30	4.57	4.62		5.82	6.28	7.42	7.68	7.20	NR	6.42	30
31	4.10	4.30	4.57	4.62		5.83	6.44			7.19	NR		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
6-18-67	2400	7.80									

E — ESTIMATED

NR — NO RECORD

NF — NO FLOW

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		REF. DATUM	
			CFS	GAGE HT.	DATE			FROM	TO		
40 36 45	120 43 34	SW22 32N 11E		7.25	6/19/58			OCT 56-DATE	1956	5095.06	USCGS

Station located on east shore, 14 mi. NW of Susanville.

TABLE B-12
DAILY MAXIMUM AND MINIMUM TIDES

This table shows the water surface elevations for the daily high and low tides referenced to gage datum. The maximum and minimum water surface elevations are reported for those days where normal tide patterns did not occur.

TABLE B-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES
SACRAMENTO RIVER AT SACRAMENTO WEIR

STATION NO.		WATER YEAR
A02105		1967

DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	DATE
1	7.76 6.74	7.74 6.43	17.50 17.17	12.14 11.52	31.12 30.53	13.25 12.87	17.53 16.78	22.16 21.63	21.98 21.21	13.87 13.44	9.27 8.33	9.95 9.10	
2	7.83 6.85	7.87 6.58	18.66 17.31	11.65 11.14	30.53 28.14	13.09 12.71	17.98 17.53	21.63 20.99	21.22 20.59	13.66 13.29	9.60 8.53	9.89 9.04	2
3	7.85 6.71	8.32 6.66	21.36 18.66	11.17 10.71	28.14 27.26	13.07 12.56	18.05 17.89	21.00 20.27	20.60 19.75	13.59 13.05	9.68 8.47	9.88 9.12	3
4	7.78 6.70	8.21 7.02	22.84 21.36	10.91 10.50	27.26 26.50	12.74 12.29	17.94 17.34	20.27 19.50	19.75 19.30	13.34 12.86	9.57 8.41	9.94 9.26	4
5	7.98 6.62	8.18 6.88	24.11 22.82	11.13 10.53	26.50 26.01	12.45 11.99	17.34 16.69	19.50 18.94	19.32 19.00	13.17 12.45	9.60 8.52	9.94 9.33	5
6	8.09 6.69	8.19 7.16	25.71 24.11	10.89 10.43	26.02 25.59	12.08 11.68	17.18 16.62	18.94 18.46	19.06 18.97	12.73 11.81	9.66 8.60	9.93 9.39	6
7	8.07 6.57	8.18 7.00	27.55 25.71	10.70 10.26	25.62 25.27	11.72 11.42	19.74 17.18	18.46 17.94	19.10 19.02	12.08 11.21	9.52 8.45	10.27 9.47	7
8	7.62 6.36	8.15 7.44	27.78 27.53	10.51 9.99	25.30 24.85	11.53 11.26	20.78 19.74	18.03 17.91	19.16 19.02	11.62 10.75	9.42 8.49	10.67 9.89	8
9	7.52 6.36	8.38 7.75	27.55 26.62	10.38 9.79	24.86 24.36	11.57 11.12	20.92 20.78	18.48 18.02	19.09 18.86	11.07 10.07	9.37 8.53	10.75 10.10	9
10	7.51 6.40	8.39 7.63	26.62 24.85	10.20 9.65	24.36 23.93	11.38 11.03	20.84 20.60	19.31 18.48	18.91 18.65	10.57 9.71	9.25 8.46	10.84 10.13	10
11	8.11 6.85	8.49 7.61	24.85 24.61	10.17 9.52	23.93 23.25	11.36 11.06	20.70 20.57	20.07 19.31	18.72 18.55	10.16 9.51	9.21 8.13	10.86 10.20	11
12	7.81 6.72	8.52 7.56	24.62 23.98	10.00 9.49	23.26 22.46	12.62 11.23	20.80 20.63	20.28 20.07	18.50 18.41	10.04 9.51	9.02 8.72	10.83 10.28	12
13	7.25 6.26	8.61 7.55	23.98 23.31	9.81 9.20	22.47 21.54	14.30 12.61	20.64 20.27	20.20 19.63	18.53 18.43	10.00 9.51	9.17 8.40	11.03 10.51	13
14	7.20 6.22	8.75 7.57	23.32 22.33	9.53 8.93	21.54 20.63	15.56 14.30	20.28 19.79	19.63 18.89	18.67 18.52	10.09 9.51	9.33 8.51	11.15 10.50	14
15	7.48 6.31	9.08 7.74	22.33 21.23	9.29 8.82	20.63 19.64	15.85 15.56	18.81 18.64	18.89 18.44	18.58 18.28	10.13 9.51	9.55 8.54	11.03 10.42	15
16	7.54 6.27	9.19 8.28	21.23 20.14	9.15 8.69	19.64 18.65	17.86 15.56	19.73 19.61	18.57 18.44	18.34 18.04	10.34 9.52	9.75 8.63	10.86 10.23	16
17	7.56 6.40	10.94 8.95	20.15 18.76	9.01 8.55	18.66 17.75	25.66 17.86	19.63 19.42	19.15 18.57	18.21 18.05	10.39 9.51	9.54 8.45	10.73 10.25	17
18	7.49 6.34	10.95 10.31	18.76 17.41	8.89 8.43	17.75 17.01	28.21 25.66	19.94 19.40	19.92 19.15	18.36 18.10	10.21 9.48	9.43 8.39	10.55 10.16	18
19	7.48 6.28	10.38 9.58	17.41 16.21	8.93 8.28	17.01 16.43	28.02 27.21	20.73 19.94	20.63 19.92	18.39 18.21	10.12 9.48	9.46 8.51	10.54 10.13	19
20	7.73 6.30	10.62 9.60	16.21 15.46	9.46 8.33	16.44 15.84	27.24 26.90	21.38 20.73	21.13 20.63	18.40 18.19	10.20 9.48	9.53 8.64	10.53 10.20	20
21	7.72 6.42	15.23 10.62	15.46 14.97	14.62 8.91	15.85 15.39	26.90 24.90	22.02 21.37	21.69 21.11	18.32 17.85	9.97 9.46	9.47 8.64	10.78 10.11	21
22	7.09 6.07	16.42 15.23	14.97 14.67	23.90 14.62	15.39 14.89	29.40 23.58	22.28 22.02	22.30 21.69	17.85 17.40	10.04 9.45	9.25E 8.60E	10.63 9.94	22
23	6.89 5.99	16.44 15.54	14.67 14.39	25.97 23.90	14.89 14.43	23.59 22.80	22.31 22.19	22.94 22.29	17.40 16.96	9.92 9.46	9.07E 8.49E	10.33 9.84	23
24	6.80 5.99	15.54 14.14	14.40 14.14	26.41 25.94	14.43 14.05	22.81 22.48	22.19 22.10	23.50 22.98	16.97 16.24	9.51 9.38	8.99E 8.49E	10.43 9.72	24
25	6.92 6.05	14.14 13.00	14.16 13.90	26.37 25.87	14.09 13.79	22.48 22.06	22.38 22.15	23.90 23.50	16.24 15.56	9.38 9.16	9.03E 8.45E	10.41 9.65	25
26	7.18 6.31	13.00 12.35	13.90 13.52	25.87 25.28	13.86 13.60	22.06 21.17	22.53 22.36	24.16 23.89	15.57 15.13	9.16 8.99	9.06E 8.38E	10.13 9.43	26
27	7.22 6.25	12.35 11.94	13.52 13.10	25.56 25.15	13.62 13.33	21.17 19.87	22.58 22.49	24.21 24.02	15.27 14.94	8.99 8.91	9.16E 8.58E	10.10 9.41	27
28	7.18 6.21	12.16 11.65	13.10 12.74	27.61 25.56	13.35 13.08	19.87 18.58	22.57 22.49	24.03 23.85	15.01 14.53	8.94 8.83	9.37E 8.71E	9.99 9.35	28
29	7.07 6.18	12.83 11.79	12.92 12.58	29.20 27.61		18.58 17.63	22.57 22.44	23.86 23.42	14.63 14.07	9.10 8.53	9.60 8.74	9.99 9.37	29
30	7.16 6.05	17.17 12.83	12.81 12.40	31.03 29.20		17.63 17.01	22.45 22.16	23.42 22.76	14.19 13.65	9.18 8.52	9.52 8.77	9.98 9.27	30
31	7.46 6.11		12.59 12.04	31.17 31.02		17.01 16.72		22.76 21.98	9.38 8.40	9.81 9.01			31
MAXIMUM	8.11	17.17	27.78	31.17	31.12	28.21	22.58	24.21	21.98	13.87	9.81	11.15	MAXIMUM
MINIMUM	5.99	6.43	12.04	8.28	13.08	11.03	16.62	17.91	13.65	8.40	8.13	9.04	MINIMUM

E - Estimated
NR - No Record

CREST STAGES											
DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
11/23/66	0300	16.44	1/24/67	2145	26.41	3/18/67	1845	28.21	5/27/67	0800	24.21
12/8/66	0715	27.78	1/31/67	0815	31.17	4/27/67	0915	22.58			

Gage heights listed are maximum and minimum stage for day.

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC T & R M D B & M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD FROM TO			REF GAGE
			CFS	GAGE HT	DATE			11/26-7/37#	1996	2000	
38 36 39	121 33 12	NE29 98 4E	33.1	12.03/55				10/37-ATE	1920	1964	-3.07
									1964	1964	-3.45
										1964	-3.00
											USGS

Station located 100 ft. below weir, 4 mi. NW of Sacramento. Station located in tidal zone.

- Flood season only.

TABLE 8-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES
SACRAMENTO RIVER AT SACRAMENTO

STATION NO.	WATER YEAR
A02100	1967

DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	DATE
1	4.37 2.96	4.33 2.57	13.08A 12.54A	7.74 7.44	27.37A 26.66A	9.20 8.66	13.30A 12.67A	17.82A 17.33A	17.72A 16.90A	9.89 9.46	5.82 4.41	6.30 5.07	1
2	4.45 3.11	4.47 2.72	14.26A 12.81A	7.49 7.10	26.66A 23.91A	9.02 8.46	13.74A 13.30A	17.33A 16.70A	16.92A 16.35A	9.80 9.33	6.11 4.63	6.23 4.98	2
3	4.48 2.95	4.48 2.80	16.65A 14.26A	7.19 6.67	23.91A 22.93A	9.06 8.34	13.87A 13.73A	16.71A 16.01A	16.35A 15.52A	9.74 9.11	6.20 4.58	6.20 5.08	3
4	4.33 2.90	4.64 3.24	18.31A 16.65A	7.03 6.41	22.93A 22.16A	8.69 8.32	13.74A 13.22A	16.01A 15.27A	15.52A 15.06A	9.50 8.91	6.10 4.52	6.23 5.16	4
5	4.58 2.76	4.77 3.04	19.52A 18.30A	7.32 6.49	22.16A 21.67A	8.42 8.00	13.22A 12.57A	15.27A 14.69A	15.11A 14.75A	9.43 8.85	6.10 4.60	6.21 5.28	5
6	4.72 2.31	4.70 3.35	21.30A 19.52A	7.10 6.43	21.67A 21.24A	8.07 7.68	13.01A 12.51A	14.69A 14.25A	14.85A 14.70A	9.05 8.03	6.17 4.71	6.14 5.32	6
7	4.17 2.71	4.66 3.21	23.95A 21.30A	6.93 6.26	21.24A 20.92A	7.72 7.31	15.37A 13.01A	14.25A 13.72A	14.87A 14.73A	8.42 7.31	6.01 4.57	6.55 5.43	7
8	3.27 2.34	4.44 3.46	23.83A 23.55A	6.77 6.00	20.92A 0.44A	7.51 7.04	16.42A 15.37A	13.78A 13.62A	14.93A 14.75A	7.96 6.81	5.91 4.64	6.99 5.98	8
9	4.05 2.36	4.69 3.75	23.63A 22.59A	6.65 5.80	20.44A 19.90A	7.68 6.86	16.61A 16.42A	14.18A 13.74A	14.88A 14.62A	7.47 6.18	5.83 4.72	7.06 6.14	9
10	4.07 2.45	4.75 3.66	22.59A 20.51A	6.46 5.53	19.90A 19.47A	7.51 6.90	16.54A 16.35A	14.98A 14.18A	14.70A 14.43A	7.00 5.80	5.65 4.82	6.39 6.17	10
11	4.75 3.10	4.94 3.71	20.51A 20.25A	6.45 5.46	19.47A 18.79A	7.46 6.98	16.41A 16.35A	15.74A 14.98A	14.53A 14.30A	6.52 5.49	5.05 4.20	7.18 6.23	11
12	4.40 2.80	5.00 19.50A	20.25A 19.50A	6.23 5.40	18.79A 18.03A	8.49 6.96	16.53A 16.31A	15.98A 15.74A	14.41A 14.19A	6.31 5.43	5.45 4.21	7.09 6.24	12
13	3.71 2.26	5.11 3.64	19.50A 18.84A	5.88 5.18	18.03A 17.18A	10.00A 8.30A	16.37A 16.02A	15.93A 15.38A	14.31A 14.18A	6.27 5.39	5.60 4.44	7.28 6.51	13
14	3.73 2.26	5.25 3.65	18.84A 17.90A	5.51 4.89	17.18A 16.26A	11.45A 10.00A	16.03A 15.55A	15.38A 14.64A	14.42A 14.27A	6.39 5.36	5.83 4.54	7.39 6.46	14
15	4.07 2.37	5.51 3.80	17.90A 16.77A	5.28 4.72	16.26A 15.20A	11.88A 11.45A	15.58A 15.39A	14.65A 14.16A	14.35A 14.06A	6.47 5.44	6.01 4.59	7.24 6.33	15
16	4.14 2.34	5.49 4.37	16.77A 15.70A	5.28 4.50	15.20A 14.20A	13.82A 11.60A	15.46A 15.33A	14.28A 14.16A	14.15A 13.82A	6.74 5.67	6.24 4.72	7.03 6.06	16
17	4.17 2.10	6.91A 14.70A	15.70A 14.34A	5.17 4.43	14.20A 13.27A	21.75A 13.82A	15.36A 15.20A	14.81A 14.20A	14.03A 13.85A	6.88 5.54	6.00 4.49	6.86 6.06	17
18	4.05 2.11	6.91 6.26	14.34A 12.96A	5.11 4.33	13.27A 12.53A	24.36A 21.75A	15.61A 15.00A	15.54A 14.81A	14.25 14.03	6.71 5.22	5.89 4.42	6.63 5.96	18
19	4.05 2.30	6.47 5.52	12.96A 11.71A	5.17 4.19	12.53A 11.91A	24.14A 23.22A	16.39A 15.61A	16.26A 15.54A	14.27 14.05	6.58 5.17	5.91 4.54	6.56 5.89	19
20	4.34 2.35	6.50 5.76	11.71A 10.95A	5.79 4.30	11.98A 11.40A	23.27A 22.91A	17.01A 16.39A	16.73A 16.26A	14.27 13.99	6.63 5.14	5.98 4.69	6.57 5.98	20
21	3.25 2.47	10.66A 6.64A	10.95A 10.40A	10.94A 5.03A	11.36 11.22	22.91A 20.70A	17.71A 17.01A	17.28A 16.73A	14.21 13.73	6.46 5.02	5.88 4.66	7.02 5.95	21
22	3.56 2.07	11.91A 10.66A	10.40A 10.08A	19.41A 10.94A	10.86 10.67	20.70A 19.35A	17.96A 17.70A	17.85A 17.20A	13.77 13.28	6.50 5.10	5.71 4.65	6.79 5.77	22
23	3.32 1.89	11.95A 11.26A	10.28 9.95	21.52A 19.41A	10.47 10.19	19.35A 18.56A	18.01A 17.87A	18.52A 17.85A	13.35A 12.89A	6.36 5.01	5.53 4.51	6.48 5.71	23
24	3.22 1.99	11.26A 10.00A	10.11 9.70	22.07A 21.52A	10.15 9.77	18.56A 18.21A	17.90A 17.74A	19.07A 18.45A	12.92A 12.24A	5.98 4.68	5.45 4.54	6.69 5.58	24
25	3.11 2.08	10.00A 8.97A	9.96 9.53	22.02A 21.52A	9.86 9.56	18.21A 17.80A	18.03A 17.81A	19.49A 19.02A	12.14 11.60	6.62 4.44	5.07 4.50	6.36 5.55	25
26	3.73 2.46	8.81 8.51	9.64 9.26	21.52A 20.95A	9.61 9.35	17.80A 16.97A	18.19A 18.02A	19.75A 19.48A	11.54 11.12	6.28 4.35	5.52 4.43	5.66 5.27	26
27	3.80 2.43	8.38 8.02	9.26 8.84	21.33A 20.80A	9.40 9.08	16.97A 15.70A	18.25A 18.11A	19.81A 19.63A	11.31 10.91	6.36 4.46	5.55 4.63	6.33 5.24	27
28	3.76 2.41	8.38 7.69	8.93 8.44	23.63A 21.33A	9.24 8.85	15.70A 14.46A	18.22A 17.15A	19.67A 19.48A	11.04 10.54	5.52 4.34	5.73 4.76	6.23 5.18	28
29	3.63 2.34	8.85 7.85	8.90 8.24	25.30A 23.63A	9.61 13.53A	14.46A 13.53A	18.22A 18.08A	19.48A 19.11A	10.69 10.09	5.48 4.47	5.94 4.68	6.23 5.23	29
30	3.72 2.13	12.54A 8.01A	8.66 8.15	27.22A 25.30A		13.53A 12.97A	18.11A 17.82A	19.11A 18.46A	10.26 9.66	5.65 4.61	5.83 4.60	6.25 5.21	30
31	4.06 2.16		8.20 7.92	27.40A 27.21A		12.97A 12.60A	18.46A 17.72A	18.46A 17.72A	9.84 9.66	5.84 4.34	6.15 4.20	6.15 4.98	31
MAXIMUM	4.75	12.54	23.03	27.40	27.37	24.36	15.25	19.81	17.72	9.99	6.24	7.35	MAXIMUM
MINIMUM	1.99	2.57	7.92	4.10	8.85	6.86	12.51	13.62	9.66	4.34	4.20	4.98	MINIMUM

E - Estimated
NR - No Record

CREST STAGES											
DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
11/23/66	0400	11.96	1/24/67	2115	22.07	3/18/67	1830	24.36	5/27/67	0830	19.81
12/8/66	0800	23.83	1/31/67	1100	27.40	4/27/67	0830	18.25			

A High flows affected the normal tidal pattern. Gage heights listed are maximum and minimum stage for day.

LOCATION	MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE			
	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF DATUM	
LATITUDE	LONGITUDE	1/4 SEC T & R M D B & M	CFS	GAGE HT	DATE	FROM	TO			
38 35 20	121 30 15	NW35 9N 4E	104000	30.14	11/21/50	04-05 6/21-11/21 5/24-12/42 8 5/4-DATE	1/04-7/05 20-DATE	1904 1956 1956 1956 1956 1965 1965	0.12 0.00 2.93 -0.23	USCOS USCGS USED USCGS
								0.00 0.00 -0.23 0.00		

Station located 1,000 ft. above I Street bridge, 0.5 mi. below the American River. Below approx. 30,000 c.f.s., the stage-discharge relationship is affected by tidal influence. Maximum discharge listed at site and datum then in use. Drainage area is 23,530 sq. mi.

8 - Irrigation season only

TABLE 8-12 (CONT)
DAILY MAXIMUM AND MINIMUM TIDES
SACRAMENTO RIVER NEAR FREEPORT

STATION NO	WATER YEAR
891850	1967

DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	DATE
1	3.72 1.96	3.67 1.45	9.99A 9.16A	5.53 4.99	22.02A 21.27A	6.77 5.96	9.60 9.25	13.64A 13.20A	13.56A 12.83A	7.27 6.44	4.68 2.70	5.03 3.17	
2	3.80 2.09	3.82 1.58	10.81A 9.36A	5.34 4.62	21.27A 19.01A	6.65 5.77	10.12A 9.59A	13.20A 12.61A	12.86A 12.34A	7.19 6.41	5.05 2.91	4.97 3.05	2
3	3.85 1.93	4.35 1.66	12.67A 10.81A	5.13 4.30	19.01A 18.15A	6.80 5.71	10.24 9.95	12.64A 12.04A	12.38A 11.65A	7.16 6.25	5.15 2.87	4.92 3.16	3
4	3.74 1.88	3.97 2.12	14.11A 12.67A	5.11 4.05	18.15A 17.38A	6.43 5.39	10.10 9.55	12.05A 11.41A	11.73 11.29	7.01 6.00	5.08 2.83	4.87 3.24	4
5	3.94 1.70	4.02 1.87	15.13A 14.10A	5.54 4.22	17.38A 16.96A	6.21 5.12	9.70 9.40	11.44A 10.87A	11.47 10.95	7.13 6.00	5.07 2.87	4.81 3.33	5
6	4.09 1.73	3.84 2.10	16.72A 15.13A	5.36 4.21	16.96A 16.62A	5.91 5.35	9.47 9.00	10.95A 10.48A	11.18 10.87	6.92 5.47	5.11 2.98	4.67 3.36	6
7	3.51 1.63	3.87 1.98	18.55A 16.72A	5.26 4.07	16.62A 16.28A	5.69 4.86	11.31A 9.34A	10.57A 10.01A	11.20 10.90	6.54 4.88	4.94 2.66	5.04 3.49	7
8	2.51 1.28	3.61 2.13	18.98A 18.55A	5.21 3.86	16.29A 15.84A	5.49 4.63	12.32A 11.31A	10.19 9.92	11.25 10.93	6.25 4.48	4.82 2.94	5.38 3.80	8
9	3.39 1.27	3.74 2.35	18.74A 17.92A	5.16 3.71	15.84A 15.35A	5.76 4.43	12.53 12.43	10.44 10.09	11.26 10.88	5.88 4.02	4.70 3.03	5.41 3.90	9
10	3.41 1.41	3.88 2.30	17.92A 16.08A	5.03 3.61	15.37A 14.91A	5.67 4.59	12.51 12.33	11.11A 10.43A	11.13 10.68	5.51 3.69	4.51 2.95	5.55 3.93	10
11	4.15 2.11	4.13 2.40	16.08A 15.82A	5.06 3.46	14.93A 14.32A	5.50 4.70	12.46 12.31	11.75A 11.11A	10.97 10.57	5.01 3.36	4.34 2.58	5.32 3.99	11
12	3.77 1.68	4.22 2.40	15.82A 15.17A	4.92 3.47	14.32A 13.61A	6.18 4.53	12.52 12.32	12.02A 11.75A	10.87 10.44	4.73 3.32	4.50 2.56	4.52 3.87	12
13	3.06 1.29	4.36 2.32	15.17A 14.60A	4.55 3.31	13.62A 12.85A	7.08 5.60	12.40A 12.07A	11.97A 11.50A	10.72 10.41	4.84 3.30	4.72 2.72	5.50 4.15	13
14	3.08 1.21	4.47 2.32	14.60A 13.81A	4.10 3.05	12.86A 12.29A	7.81 7.00	12.07A 11.66A	11.50A 10.84A	10.74 10.50	5.00 3.29	3.54 2.81	5.65 4.18	14
15	3.46 1.32	4.61 2.44	13.81A 12.81A	3.80 2.85	12.29A 11.35A	8.77 8.20	11.72A 11.48A	10.87A 10.38A	10.71 10.33	4.06 3.44	4.93 2.87	5.55 4.10	15
16	3.53 1.40	4.46 2.91	12.81A 11.87A	3.82 2.71	11.35A 10.44A	9.12 8.45	11.55 11.38	10.56 10.34	10.60 10.14	5.33 3.73	5.21 3.04	5.40 3.93	16
17	3.56 1.45	5.12 2.87	11.87A 10.71A	3.77 2.58	10.44A 9.65A	16.70A 9.93A	11.48 11.29	10.91A 10.49A	10.50 10.20	5.62 3.69	4.95 2.80	5.21 3.89	17
18	3.43 1.39	4.77 4.06	10.71A 9.50A	3.75 2.52	9.53 6.97	15.20A 16.70A	11.57A 11.31A	11.53A 10.91A	10.80 10.40	5.53 3.35	4.85 2.73	4.92 3.77	18
19	3.44 1.25	4.43 3.51	9.50A 8.46A	3.87 2.45	9.14 8.49	19.15A 18.31A	12.24A 11.57A	12.17A 11.53A	10.88A 10.38	5.37 3.25	4.85 2.85	4.83 3.72	19
20	3.74 1.32	4.94 3.77	8.46A 7.81A	4.63 2.76	8.69 8.46	18.38A 18.09A	12.80A 12.24A	12.60A 12.17A	10.88A 10.35	5.36 3.23	4.91 3.02	4.88 3.83	20
21	2.60 1.50	7.80A 4.96A	7.91A 7.29A	6.45 4.22	8.39 7.96	18.10A 16.27A	13.46A 12.80A	13.06A 12.60A	10.80 10.21	5.29 3.15	4.77 2.95	5.52 3.87	21
22	2.89 1.03	8.72 8.15	7.55 6.95	14.32A 7.08A	8.04 7.55	16.27A 14.99A	13.76 13.64	13.58A 13.06A	10.51 9.79	5.29 3.24	4.53 2.94	4.98 3.80	22
23	2.64 0.95	8.75 6.48	7.58 6.94	16.83A 14.32A	7.79 7.18	15.99A 14.30A	13.83 13.58	14.18A 13.50A	10.17 9.46	5.12 3.16	4.30 2.84	4.96 3.68	23
24	2.54 1.00	8.07 7.57	7.52 6.77	17.46A 16.83A	7.63 6.89	14.30A 13.96A	13.79 13.60	14.70A 14.18A	9.79 9.01	4.76 2.86	4.22 2.82	5.26 3.57	24
25	2.78 1.13	7.00 6.49	7.46 6.60	17.33A 16.89A	7.33 6.73	13.96A 13.63A	13.83 13.59	15.10A 14.65A	9.21 8.37	4.36 2.66	4.30 2.82	4.90 3.62	25
26	3.12 1.57	6.56 5.90	7.22 6.43	16.89A 16.38A	6.98 6.47	13.63A 12.95A	13.99 13.77	15.31A 15.07A	8.65 7.88	4.03 2.51	4.31 2.75	4.87 3.31	26
27	3.19 1.50	6.25 5.51	6.95 6.09	16.65A 16.26A	6.80 6.25	12.95A 11.86A	14.10 13.90	15.41 15.19	8.29 7.69	4.21 2.65	4.56 2.89	4.15 3.27	27
28	3.17 1.50	6.31 5.17	6.67 5.75	18.70A 16.65A	6.72 6.05	11.86A 10.84A	14.03 13.68	15.26A 15.13A	8.07 7.37	4.20 2.57	4.66 2.99	4.80 3.18	28
29	3.03 1.43	6.65 5.31	6.69 5.54	20.14A 18.69A	10.72 10.04	14.04 13.84	15.15A 14.71A	7.84 6.92	4.38 2.89	4.81 3.24	4.81 3.24	29	
30	3.11 1.14	9.21A 5.95A	6.47 5.53	21.89A 20.14A	9.97 9.49	13.90A 13.62A	14.78A 14.21A	7.43 6.62	3.29 2.87	4.50 2.76	4.91 3.33	30	
31	3.40 1.15	6.06 5.36	22.09A 21.89A	9.70 9.09				14.25A 13.55A	4.66 2.80	4.86 3.08		31	
MAXIMUM	4.15	9.21	18.98	22.09	22.02	19.20	14.10	15.41	13.56	7.27	5.15	5.65	MAXIMUM
MINIMUM	0.95	1.45	5.36	2.45	6.05	4.43	9.25	9.92	6.62	2.51	2.56	3.05	MINIMUM

E=Estimated
NR=No Record

CREST STAGES											
DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12/8/66	1500	18.98	1/24/67	1930	17.46	1/31/67	0945	22.09	3/10/67	2045	19.20

*A High flows affected the normal tidal pattern. Stage heights listed are maximum and minimum stage for day.

LOCATION	MAXIMUM DISCHARGE			PERIOD OF RECORD		OATUM OF GAGE			PERIOD FROM	PERIOD TO		
	LATITUDE	LONGITUDE	1/4 SEC T & R M.D.B.M	DF RECORD		DISCHARGE	GAGE HEIGHT ONLY	REF. DATUM				
				CFS	GAGE NT							
38 28 23 121 31 58 SW10 7N 4E	23.9	12/23/55				AUG 55-DATE		1955	1950	4.03		
								1956		5.01		
								1964	-0.43	7.01		
								1964	1.00	18.00		

Station located 10.7 mi. below Sacramento, 1.9 mi. NW of Freeport. Station located in tidal zone. Maximum gage ht. listed does not necessarily indicate maximum discharge. Maximum gage ht. listed at present datum.

TABLE 6-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES
SACRAMENTO RIVER AT SNOGRASS SLOUGH

STATION NO.	WATER YEAR
B91750	1967

DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	DATE		
1	6.45 4.26	6.44 3.55	10.33 8.57	7.10 5.87	19.10A 16.49A	8.16 6.68	9.82 8.81	12.34 11.81	12.41 11.60	8.35 6.88	7.25 4.49	7.53 4.79			
2	6.59 4.34	6.58 3.62	10.92 8.83	6.93 5.55	18.49A 16.67A	8.12 6.51	10.02 9.16	12.04 11.38	11.92 11.19	8.43 6.82	7.65 4.69	7.47 4.67	2		
3	6.60 4.17	7.11 3.72	11.49 9.89	6.84 5.28	16.68 15.96	8.34 6.51	10.06 9.24	11.69 10.95	11.61 10.72	8.46 6.58	7.76 4.65	7.41 4.75	3		
4	6.50 4.12	6.73 4.25	12.68 11.30	6.97 5.14	15.97 15.34	8.00 6.22	9.95 9.00	11.31 10.48	11.29 10.48	8.36 6.39	7.70 4.61	7.32 4.81	4		
5	6.69 3.90	6.72 3.94	13.07 12.40	7.56 5.46	15.43A 14.94A	7.77 5.99	9.78 8.64	10.96 10.03	11.23 10.21	8.70 6.48	7.69 4.62	7.23 4.91	5		
6	6.33 3.91	6.57 4.10	14.69A 13.40A	7.39 5.25	15.09 14.92	7.51 5.79	9.65 8.82	10.58 9.72	10.96 10.00	8.63 6.22	7.71 4.73	7.02 4.92	6		
7	6.29 3.80	5.92 3.96	15.97A 14.69A	7.39 5.11	14.87 14.59	7.45 5.66	10.49 9.50	10.34 9.38	10.96 10.00	8.46 5.87	7.54 4.61	7.36 5.06	7		
8	6.15 3.41	6.28 4.10	16.70 16.08	7.43 5.51	14.50 14.29	7.24 6.11	11.33 10.78	10.12 9.28	11.04 10.06	8.32 5.63	7.43 4.73	7.61 5.25	8		
9	5.38 3.39	6.36 4.19	16.56 16.07	7.44 5.01	14.15 13.90	7.64 5.39	11.61 11.09	10.47 9.51	11.10 10.03	8.05 5.32	7.26 4.85	7.62 5.28	9		
10	6.19 3.56	6.54 4.22	15.58 14.87	7.36 4.94	13.77 13.52	7.63 5.71	11.69 11.17	10.79 9.93	11.03 9.89	7.78 5.07	7.08 4.78	7.75 5.22	10		
11	6.86 4.29	6.82 4.41	14.37 13.92	7.42 4.84	13.42 13.10	7.34 5.80	11.73 11.15	11.03 10.31	10.85 9.78	7.29 4.75	6.95 4.49	7.42 5.24	11		
12	6.54 4.06	6.94 4.30	14.00 13.63	7.33 4.90	12.94 12.57	7.74 5.57	11.72 11.16	11.33 10.70	10.84 9.73	6.96 4.75	7.10 4.50	7.61 5.03	12		
13	5.89 3.57	7.07 4.23	13.57 13.17	6.92 4.81	12.48 12.05	8.07 6.37	11.59 11.00	11.30 10.50	10.48 9.60	7.17 4.78	7.32 4.54	7.61 5.30	13		
14	5.85 3.42	7.17 4.22	12.96 12.66	6.40 4.60	12.00A 11.18A	8.67 7.35	11.34 10.64	10.85 9.96	10.36 9.70	7.36 4.81	5.90 4.56	7.75 5.39	14		
15	6.22 3.48	7.24 4.29	12.23 12.05	6.06 4.04	11.18A 10.48A	9.32 8.19	11.11 10.43	10.41 9.55	10.50 9.57	7.74 5.09	7.53 4.64	7.68 5.40	15		
16	6.25 3.64	7.03 4.68	11.44 11.13	6.12 4.29	10.54 9.77	9.80 8.61	10.85 10.30	10.15 9.44	10.55 9.47	7.74 5.32	7.80 4.82	7.61 5.33	16		
17	6.34 3.60	7.10 4.43	10.71 10.26	6.12 4.19	10.06 9.15	14.38A 9.55A	10.85 10.30	10.28 9.78	10.55 9.60	8.11 5.32	7.56 4.58	7.42 5.28	17		
18	6.21 3.52	6.65 5.07	9.86 9.27	6.14 4.20	9.69 8.60	16.59A 14.38A	10.78 10.35	10.68 10.27	11.10 9.86	8.06 4.99	7.47 4.51	7.10 5.12	18		
19	6.23 3.40	6.73 4.71	9.20 8.48	6.31 4.23	9.56 8.25	16.61 15.85	11.27 10.87	11.13 10.75	11.14 10.73	7.90 4.83	7.46 4.65	6.96 5.12	19		
20	6.55 3.49	7.02 5.08	8.86 7.77	7.14 7.71	9.25 7.86	16.07 15.67	11.67 11.28	11.66 11.21	11.11 9.68	7.84 4.79	7.51 4.83	7.05 5.25	20		
21	5.67 3.69	7.88 5.58	8.67 7.51	8.63 6.11	9.15 7.62	15.80 15.42	12.33 11.82	12.05 11.50	11.02 9.54	7.83 4.77	7.34 4.74	7.80 5.33	21		
22	5.41 3.19	9.04 7.91	8.38 7.39	12.49A 7.68A	8.99 7.93	14.37 13.26	12.58 12.19	12.45 11.95	10.86 9.24	7.82 4.86	7.07 4.76	7.25 5.41	22		
23	5.27 3.13	9.10 7.97	8.62 7.11	14.74 12.49	8.92 7.39	13.46 13.14	12.76 12.24	12.91 12.40	10.60 8.99	7.60 4.77	6.81 4.67	7.25 5.22	23		
24	5.32 3.19	8.66 7.20	8.69 7.02	15.71 15.05	8.94 7.27	12.95 12.60	12.83 12.21	13.43 12.88	10.34 8.71	7.26 4.54	6.74 4.69	7.58 5.11	24		
25	5.57 3.39	8.19 6.56	8.71 7.36	15.52 15.15	8.62 7.27	12.73 12.34	12.83 12.26	13.67 13.18	9.96 8.26	6.85 4.36	6.83 4.74	7.22 5.23	25		
26	5.90 3.84	8.01 6.68	8.60 6.92	15.09 14.65	8.19 7.05	12.53 11.95	12.95 12.35	13.89 13.39	9.45 7.85	6.49 4.21	6.84 4.69	7.21 4.85	26		
27	5.98 3.83	7.84 6.19	8.40 6.71	14.81 14.30	8.00 6.85	12.02 11.23	13.07 12.43	13.94 13.44	8.95 7.63	6.68 4.39	7.04 4.74	7.11 4.86	27		
28	5.96 3.84	7.99 5.93	8.19 6.40	16.31 14.45	7.99 6.67	11.38 10.33	12.90 12.37	13.78 13.39	8.75 7.43	6.69 4.39	7.12 4.78	6.52 4.73	28		
29	5.82 3.68	8.28 6.11	8.25 6.22	17.31 16.30	10.84 9.50	12.83 12.35	13.48 13.02	13.01 12.77	8.20 6.92	6.90 4.65	6.97 4.52	7.16 4.80	29		
30	5.89 3.36	9.57 6.35	8.04 6.28	18.77 17.20	10.23 9.07	12.56 12.12	13.34A 12.64A	13.34A 12.83	8.35 6.83	7.19 4.67	6.01 4.42	7.32 4.92	30		
31	6.17 3.35			7.63 6.15	19.11 18.62	10.15 8.76			13.01 12.17		5.75 4.60	7.36 4.71		31	
	6.86	9.57	16.70	19.11	19.10	16.61	13.07	13.94	12.41	8.70	7.80	7.80		MAXIMUM	
	3.13	3.55	6.15	4.04	6.67	5.39	8.64	9.28	6.83	4.21	4.42	4.67		MINIMUM	

E = Estimated
NR = No Record

CREST STAGES											
DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE

A = Tidal action affected by flow. Gage heights listed are maximum and minimum stage for day.

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	14 SEC T & R M D B M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO OH GAGE	REF DATUM
			CFS	GAGE HT	DATE			FROM	TO		
38° 31' 00"	121° 31' 50"	SW-22 6N 4E	20.57	12/25/64		AUG 39-DATE	1959 1959	1959	1959	1.00	1.00

Station located 0.2 mi. above head of Slough (leveed off from river), W. of State Highway 160, 1.5 mi. N.E. of Courtland. Station located in tidal zone. Maximum gage ht. listed does not necessarily indicate maximum discharge. At times, tidal fluctuation is influenced by operation of the Delta Crt. & Channel gates.

TABLE B-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES
SACRAMENTO RIVER AT WALNUT GROVE

STATION NO	WATER YEAR
B91650	1967

DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	DATE
1	3.31 0.79	3.34 -0.10	5.78 3.09	3.32 1.34	11.08 10.12	4.26 2.07	5.12 3.23	6.07 5.10	6.33 5.06	2.96 2.24	4.02 0.59	4.24 0.75	
2	3.48 0.77	3.48 -0.03	6.32 3.39	3.22 1.08	10.41 8.93	4.28 1.86	5.12 3.46	5.97 4.86	6.15 4.86	4.42 2.10	4.42 0.77	4.19 0.60	2
3	3.49 0.60	3.99 0.03	6.04 4.12	3.20 0.89	9.35 8.27	4.52 1.89	5.08 3.54	5.90 4.63	6.07 4.71	4.52 1.81	4.53 0.71	4.12 0.73	3
4	3.40 0.52	3.61 0.57	6.50 4.84	3.44 0.86	8.74 7.78	4.19 1.64	5.06 3.47	5.81 4.44	6.12 4.50	4.43 1.59	4.48 0.67	4.00 0.78	4
5	3.57 0.30	3.61 0.23	6.99 5.02	4.13 1.27	8.37 7.42	3.99 1.42	4.96 3.28	5.72 4.17	6.24 4.34	4.87 1.82	4.46 0.66	3.90 0.87	5
6	3.69 0.29	3.38 0.39	7.77 6.26	3.95 0.99	8.08 7.14	3.76 1.28	4.96 3.41	5.46 3.98	5.99 4.09	4.93 1.64	4.45 0.78	3.67 0.86	6
7	3.21 0.12	2.79 0.20	8.53 7.09	3.98 0.87	7.98 7.14	3.80 1.25	5.34 3.92	5.35 3.84	6.01 4.08	4.89 1.45	4.29 0.66	3.97 1.12	7
8	3.10 -0.23	3.11 0.34	9.20 7.92	4.09 0.82	7.72 6.95	3.57 0.86	5.76 4.67	5.29 3.69	6.11 4.13	4.85 1.32	4.18 0.83	4.16 1.14	8
9	2.29 -0.25	3.15 0.39	9.23 7.63	4.13 1.67	7.50 6.67	4.04 1.63	6.03 4.92	5.73 3.90	6.23 4.16	4.64 1.10	4.01 0.98	4.16 1.08	9
10	3.11 -0.05	3.37 0.47	8.33 7.42	4.07 0.78	7.19 6.41	4.04 1.28	6.13 4.88	5.97 4.11	6.16 4.05	4.42 0.91	3.82 0.93	4.33 0.97	10
11	3.73 0.66	3.66 0.49	7.81 6.63	4.15 0.72	6.79 6.18	3.69 1.42	6.29 4.89	5.95 4.29	6.00 3.97	3.95 0.62	3.72 0.70	3.99 0.95	11
12	3.44 0.53	3.79 0.66	7.63 6.43	4.08 0.82	6.53 5.81	3.94 1.15	6.22 4.85	6.00 4.44	6.02 4.01	3.58 0.67	3.87 0.77	4.15 0.69	12
13	2.81 -0.12	3.92 0.41	7.43 6.12	3.66 0.80	6.41 5.51	3.96 1.77	6.10 4.70	5.89 4.30	5.55 3.82	3.82 0.73	4.08 0.65	3.24 0.97	13
14	2.76 -0.11	4.02 0.39	6.95 5.84	3.10 0.63	6.26 5.09	4.40 2.56	5.92 4.45	5.59 3.93	5.53 3.87	4.03 0.83	4.30 0.62	4.29 1.10	14
15	3.14 -0.11	4.04 0.43	6.23 5.36	2.75 0.45	5.55 4.55	4.78 3.06	5.81 4.28	5.29 3.66	5.72 3.82	4.42 1.22	3.11 0.69	4.24 1.17	15
16	3.18 0.03	3.79 0.77	5.67 4.73	2.86 0.36	5.20 3.97	5.36 3.57	5.44 4.13	5.08 3.60	4.99 3.83	3.04 1.31	4.59 0.88	4.18 1.17	16
17	3.24 -0.04	3.63 0.40	5.29 4.22	2.86 0.33	5.02 3.55	6.97A 4.10A	5.49 4.23	5.10 3.83	5.85 4.09	4.79 1.34	4.33 0.62	3.99 1.12	17
18	3.12 -0.13	3.07 0.61	4.82 3.58	2.90 0.42	4.91 3.18	8.60A 6.99A	5.47 4.21	5.40 4.22	6.51 4.32	4.77 0.99	4.23 0.59	3.66 0.96	18
19	3.15 -0.26	3.10 0.39	4.40 2.98	3.10 0.54	4.94 2.97	8.78 7.76	5.76 4.59	5.86 4.60	6.50 4.10	4.63 0.80	4.22 0.75	3.52 1.01	19
20	3.45 -0.12	3.54 0.86	4.36 2.62	3.90 1.09	4.72 2.67	8.51 7.63	5.95 4.92	6.29 4.94	6.49 4.03	4.55 0.72	4.27 0.93	3.62 1.19	20
21	2.57 0.08	3.83 1.00	4.31 2.54	5.23 2.50	4.77 2.53	8.27 6.94	6.51 5.41	6.63 5.12	6.42 3.94	4.58 0.77	4.08 0.83	4.37 1.25	21
22	2.30 -0.41	4.53 2.71	4.07 2.27	6.69 4.41	4.76 2.40	7.44 6.14	6.75 5.60	6.91 5.35	6.31 3.75	4.54 0.84	3.81 0.90	3.87 1.14	22
23	2.30 -0.45	4.63 2.87	4.43 2.21	8.09 6.78	4.82 2.94	7.23 5.87	6.96 5.66	7.27 5.64	6.12 3.56	4.31 3.56	3.53 0.76	3.90 1.18	23
24	2.24 -0.39	4.39 2.32	4.62 2.16	9.04 7.84	4.95 2.37	6.87 5.62	7.15 5.65	7.61 5.95	5.96 3.45	3.97 0.60	3.48 0.87	4.23 1.08	24
25	2.50 -0.14	4.18 1.98	4.70 2.07	8.75 7.59	4.61 2.47	6.77 5.61	7.19 5.62	7.64 6.13	5.69 3.17	3.57 0.45	3.58 0.99	3.91 1.22	25
26	2.82 0.35	4.17 1.59	4.69 2.97	8.48 7.24	4.12 2.26	6.65 5.48	7.20 5.65	7.66 6.23	5.21 2.98	3.21 0.30	3.59 0.96	3.89 0.84	26
27	2.91 0.3	4.09 2.14	4.54 1.95	8.21 6.97	3.93 2.09	6.46 4.91	7.29 5.70	7.55 6.28	4.64 2.66	3.41 0.53	3.80 0.89	3.80 0.85	27
28	2.89 0.41	4.32 1.39	4.38 1.68	8.95 6.96	4.00 1.95	6.24 4.46	7.01 5.59	7.36 6.23	4.59 2.54	3.43 0.61	3.86 0.88	3.87 0.70	28
29	2.75 0.15	4.58 1.51	4.49 1.52	9.49 7.90		6.03 3.96	6.77 5.97	6.92 6.62	4.12 1.87	3.63 0.93	3.70 0.96	3.30 0.76	29
30	2.82 -0.19	5.15 1.66	4.29 1.63	10.88 8.72		5.53 3.57	6.30 5.29	6.47 5.74	4.25 2.02	3.93 0.81	2.72 0.40	4.01 0.89	30
31	3.07 -0.23		3.87 1.55	11.02 9.92		5.61 3.40	6.00 5.43	6.80 5.43	2.47 0.71	4.09 0.69	4.59 0.60	4.37 0.60	31
MAXIMUM	3.73	5.15	9.23	11.02	11.02	8.78	7.29	7.66	6.51	4.93	4.59	4.37	MAXIMUM
MINIMUM	-0.45	-0.10	1.52	0.33	1.95	0.86	3.23	3.60	1.87	0.30	0.40	0.60	MINIMUM

E=Estimated
NR=No Record

CREST STAGES											
DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE

A Tidal action affected by flow. Gage heights listed are maximum and minimum stage for day.

LOCATION	MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			PERIOD	ZERO ON GAGE	
	LATITUDE	LONGITUDE	1/4 SEC. T & R N D 8 AM	OF RECORD		DISCHARGE	GAGE HEIGHT ONLY				
				CFS	GAGE HT		FROM	TO			
38 14 22 121 30 17 SW35 5N 4E				12.34	12.25/64			FEB 29-DATE	1929 1931	0.00 USEO	
Station located at head of Georgiana Slough, immediately SW of Walnut Grove. Station located in tidal zone. Maximum gage ht. listed does not indicate maximum discharge. At times, tidal fluctuation is influenced by operation of the Delta Cross Channel gates.											

TABLE B-12 (CONT)
DAILY MAXIMUM AND MINIMUM TIDES
YOLO BYPASS NEAR LISBON

STATION NO	WATER YEAR
B91560	1967

DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	DATE
1 2	6.64 2.74	6.37 1.63	NR NR	6.28 2.21	20.59 19.96	NR NR	10.11 9.89	11.99 11.82	7.76 6.23	6.91 3.45	6.78 2.25	7.21 2.44	
	6.69 2.74	6.52 1.68	NR NR	5.65 1.68	20.59 20.13	NR NR	10.26 10.11	11.82 11.71	7.96 6.80	7.02 3.15	7.25 2.50	7.20 2.17	2
3 4	6.71 2.52	7.00 1.80	NR NR	5.12 1.58	20.13 19.23	NR NR	10.47 10.26	11.71 11.50	8.43 7.36	7.16 2.78	7.37 2.32	7.16 2.35	3
	6.55 2.52	6.66 2.45	NR NR	6.36 1.74	19.23 18.20	NR NR	10.63 10.47	11.50 11.17	8.85 7.77	7.91 2.36	7.32 2.30	7.05 2.35	4
5 6	6.70 2.31	6.66 2.18	NR NR	6.89 2.33	18.20 17.23	NR NR	10.66 10.49	11.17 10.70	9.24 8.05	7.51 2.72	7.37 2.20	6.98 2.54	5
	6.78 2.26	6.53 2.36	NR NR	6.58 1.95	17.23 16.48	NR NR	10.87 10.62	10.70 10.17	9.29 8.43	7.55 2.51	7.42 2.35	6.72 2.44	6
7 8	6.23 2.09	6.45 1.99	NR NR	6.58 1.82	16.48 15.83	NR NR	11.17 10.86	10.17 9.62	9.58 8.77	7.60 2.47	7.21 2.14	7.41 2.87	7
	6.14 1.59	6.25 2.00	NR NR	6.91 2.02	15.83 15.27	NR NR	11.50 11.16	9.72 9.26	9.81 9.08	7.59 2.48	7.12 2.44	7.26 2.98	8
9 10	6.14 1.46	6.24 1.98	NR NR	6.91 1.87	15.27 14.65	NR NR	11.76 11.49	9.50 7.87	9.97 9.19	7.43 2.32	6.99 2.70	7.11 2.75	9
	6.20 1.66	6.44 2.14	NR NR	6.86 1.84	14.65 14.02	NR NR	11.96 11.72	8.64 6.57	9.98 9.22	7.18 2.17	6.69 2.17	7.29 2.61	10
11 12	6.96 2.87	6.73 2.20	NR NR	6.90 1.83	14.02 13.39	NR NR	11.89 11.80	8.08 5.91	9.89 9.07	6.70 1.91	6.59 2.45	6.93 2.62	11
	6.72 2.29	6.87 2.10	13.93 13.79	6.87 2.02	13.39 12.73	NR NR	11.90 11.83	7.86 5.45	9.74 8.70	6.41 2.09	6.70 2.59	6.97 2.13	12
13 14	5.91 1.39	6.99 2.06	13.79 13.45	6.55 2.07	12.73 12.29	NR NR	11.84 11.72	7.46 4.77	9.14 7.91	6.53 2.24	6.85 2.43	7.02 2.39	13
	5.99 1.44	7.04 2.02	13.45 12.88	6.06 1.91	12.36 11.88	NR NR	11.73 11.37	7.09 3.92	8.69 7.04	6.68 2.40	5.60 2.28	7.20 2.51	14
15 16	6.33 1.57	7.08 2.08	12.88 12.32	5.81 1.76	11.88 11.45	NR NR	11.37 10.96	6.83 3.44	8.40 6.66	5.56 2.85	7.06 2.31	7.23 2.70	15
	6.32 1.57	6.82 2.66	12.32 11.74	5.06 1.68	11.45 10.45	10.32 9.09	10.96 10.45	6.66 3.17	8.44 6.35	7.05 2.96	7.39 2.51	7.21 2.79	16
17 18	6.38 1.63	6.57 2.04	11.74 10.95	5.75 1.72	10.45 10.32	NR NR	11.85 9.94	10.45 9.30	6.66 3.02	8.44 6.12	7.47 3.02	7.13 2.12	17
	6.22 1.52	6.00 1.95	10.95 8.88	5.77 2.02	9.77 NR	12.51 11.85	9.98 9.76	6.89 2.98	9.01 6.04	7.54 2.49	6.99 2.09	6.71 2.34	18
19 20	6.20 1.45	5.80 1.80	8.88 6.80	5.94 2.15	NR NR	13.58 12.50	10.42 9.88	7.13 3.10	8.86 5.18	7.35 2.15	7.07 2.36	6.54 2.44	19
	6.44 1.70	6.84 2.71	7.29 5.92	6.74 2.97	NR NR	13.95 13.58	11.19 10.42	7.42 3.36	8.75 4.63	7.28 2.98	7.04 2.44	6.59 2.73	20
21 22	5.63 1.89	6.46 2.70	7.05 4.98	9.00 5.63	NR NR	13.93 13.58	11.68 11.19	7.68 3.40	8.62 4.33	7.33 2.07	6.94 2.40	7.39 2.93	21
	5.60 1.40	7.01 4.36	6.78 4.38	11.99 9.00	NR NR	13.58 12.99	11.96 11.68	7.81 3.15	8.52 4.01	7.32 2.36	6.74 2.54	6.81 3.20	22
23 24	5.41 1.36	7.45 5.56	7.16 3.81	14.63 11.99	NR NR	12.99 12.55	12.23 11.96	8.08 3.24	8.30 3.58	7.22 2.26	6.52 2.46	6.79 2.88	23
	5.41 1.44	7.52 5.33	7.36 3.88	16.28 14.55	NR NR	12.55 12.21	12.41 12.23	8.33 3.46	8.21 3.62	6.80 2.14	6.48 2.61	7.19 2.85	24
25 26	5.73 1.70	7.39 4.58	7.54 3.37	16.28 16.03	NR NR	12.23 11.95	12.65 12.38	8.23 3.53	8.03 3.45	6.46 2.02	6.61 2.99	6.83 3.00	25
	6.09 2.39	7.27 3.21	7.33 3.39	16.03 15.36	NR NR	11.95 11.71	12.74 12.60	8.60 5.45	7.57 3.19	6.06 1.88	6.55 3.03	6.81 2.58	26
27 28	6.18 2.34	7.10 2.28	7.42 3.17	15.36 14.75	NR NR	11.71 11.32	12.79 12.63	8.59 6.52	8.95 2.82	6.25 2.23	6.78 2.95	6.72 2.66	27
	6.14 2.18	7.16 2.59	7.32 2.93	14.76 14.65	NR NR	11.32 10.86	12.66 12.40	8.59 6.70	6.88 2.69	6.27 2.54	6.83 2.32	6.15 2.30	28
29 30	5.96 1.56	7.49 2.57	7.42 2.85	15.98 14.72	NR NR	10.86 10.29	12.45 12.22	8.08 6.52	6.88 3.01	6.40 2.90	6.67 2.44	6.78 2.39	29
	5.98 1.56	7.64 2.57	7.22 2.26	18.36 15.98	NR NR	10.29 9.64	12.22 11.99	7.81 5.87	6.88 3.26	5.18 2.75	6.67 2.20	6.92 2.58	30
31	6.22 1.50	6.82 2.35	19.96 18.36			10.02 9.70		7.95 5.86		6.74 2.59	7.02 2.48		31
	6.96	7.64	NR	19.96	20.59	13.95	12.79	11.99	9.98	7.55	7.42	7.41	MAXIMUM
MINIMUM	1.36	1.63	NR	1.58	NR	NR	9.76	2.98	2.69	1.88	2.09	2.13	MINIMUM

E - Estimated
NR - No Record

CREST STAGES											
DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
1/24/67	2345	16.28	3/20/67	1615	13.95	4/27/67	1730	12.79			
2/ 1/67	2000	20.59	4/10/67	1815	11.96						

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC T & R M O B & M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD FROM TO	ZERO ON GAGE	REF DATUM
			CFS	GAGE NT	DATE					
38 28 30	121 35 14	SE 1 7N 3E					FEB 59-DATE	1959- 1962	-4.43	
								1962-	-3.40	
								1962- 1964	-3.30	SG
								1964-	-3.30	SG
								1964- 1966	-3.00	SG

Station located in West Cut, 6.9 mi. S of U. S. Highway 40, 5.0 mi. NW of Clarksburg.
Station located in tidal zone. Maximum gage ht. listed does not necessarily indicate maximum discharge.

TABLE 8-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES
YOLO BYPASS AT LIBERTY ISLAND

STATION NO 891500	WATER YEAR 1967
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DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	DATE
1	6.71 2.61	6.65 1.38	7.75 1.84	6.00 1.73	16.80A 15.28A	6.84 2.39	6.68 1.85	5.84 2.38	5.54 2.09	7.27 3.35	5.54 1.80	7.14 1.92	1
2	6.84 2.58	6.77 1.44	8.21 2.15	6.00 1.58	16.83A 16.04A	6.87 2.21	6.38 2.00	6.14 2.60	6.81 3.05	5.58 3.02	7.37 1.94	7.15 1.55	2
3	6.88 2.30	7.20 1.53	7.01 2.72	6.04 1.56	16.03A 14.66A	7.09 2.28	6.23 2.01	6.40 2.74	6.94 2.97	7.40 2.56	7.52 1.74	7.12 1.75	3
4	6.70 2.27	6.79 2.25	7.17 2.20	6.32 1.79	14.65A 13.30A	6.73 2.05	6.40 2.32	6.64 3.10	7.31 3.08	7.29 2.40	7.50 1.66	7.02 1.79	4
5	6.80 2.08	6.75 1.93	7.46 3.14	6.97 2.08	13.20A 11.84A	6.61 1.84	6.48 2.25	NR NR	7.70 2.91	7.76 2.49	7.54 1.54	6.91 1.54	5
6	6.93 2.00	6.53 2.03	7.77 2.89	6.82 1.78	11.85 11.38	6.44 1.65	6.56 2.53	NR NR	7.40 2.44	7.86 2.37	7.57 1.86	6.63 1.95	6
7	6.34 1.90	6.33 1.64	7.86 3.13	6.79 1.66	10.48 9.98	6.62 1.76	6.67 2.75	NR NR	7.49 2.42	7.86 2.34	7.36 1.50	6.98 2.20	7
8	6.31 1.35	6.19 1.90	8.26 3.80	6.99 1.65	9.56 8.74	6.59 1.84	6.78 2.97	NR NR	7.65 2.45	7.88 2.30	7.28 1.81	7.10 2.22	8
9	6.43 1.24	6.00 1.87	9.12 5.66	7.01 1.63	8.88 7.59	7.03 2.30	6.77 2.91	NR 2.64	7.79 2.51	7.68 2.51	7.24 2.11	7.08 2.06	9
10	5.98 1.46	6.72 1.94	8.89 4.91	6.96 3.17	8.14 6.53	7.13 2.62	6.87 2.94	7.52 2.47	7.72 2.45	7.44 1.55	6.24 2.17	7.17 1.96	10
11	7.16 2.24	7.07 1.85	8.48 5.64	7.04 1.61	7.34 5.46	6.73 2.26	7.20 2.99	7.28 2.14	7.57 2.46	6.75 2.46	6.80 2.14	6.78 1.96	11
12	6.86 2.09	7.23 1.68	8.21 4.19	6.98 1.78	8.87 4.48	6.93 2.76	7.05 2.90	7.05 1.85	7.60 2.69	6.44 1.53	6.93 2.17	6.97 1.65	12
13	6.08 1.16	7.33 2.95	8.12 3.82	6.58 1.88	6.78 3.91	6.74 2.81	6.90 2.62	6.75 1.69	6.92 2.38	6.74 1.76	7.10 2.03	5.99 1.92	13
14	6.37 1.28	7.38 1.64	7.62 3.60	6.02 1.77	6.87 3.80	6.74 2.67	6.75 2.49	6.52 1.67	6.95 2.47	6.96 2.05	7.34 1.92	7.12 2.02	14
15	6.70 1.93	7.34 1.68	8.86 3.08	5.67 1.63	6.08 3.15	6.75 2.56	6.71 2.40	6.37 1.70	7.39 2.56	7.37 2.44	7.62 1.96	7.29 2.12	15
16	6.75 1.32	6.95 2.20	6.35 2.44	5.76 1.62	5.94 2.94	7.45 3.49	6.16 2.17	6.21 1.85	7.65 2.83	7.73 2.41	6.00 2.06	7.25 2.14	16
17	6.72 1.35	6.66 1.66	5.97 2.28	5.77 1.75	6.03 2.62	6.55 2.78	6.21 2.75	6.58 2.03	6.37 2.36	6.71 2.33	7.33 1.87	7.09 2.04	17
18	6.50 1.27	6.02 1.65	5.89 2.02	5.79 2.08	6.19 2.47	6.62 3.22	6.21 2.34	6.25 2.38	8.41 3.48	7.76 1.83	7.28 1.63	6.74 1.76	18
19	6.47 1.21	6.24 1.57	5.83 1.98	5.98 2.11	6.34 2.30	6.50 3.33	6.48 2.33	7.10 2.47	8.47 2.77	7.61 1.50	7.29 1.92	6.59 2.05	19
20	6.57 1.48	6.17 2.29	6.27 2.26	6.87 2.54	6.39 1.96	7.02 4.64	6.51 2.40	7.44 2.73	8.44 2.52	7.52 1.39	7.31 2.06	6.70 2.40	20
21	5.73 1.73	6.49 2.25	6.38 2.45	8.18 3.98	6.72 1.90	7.52 4.60	7.04 2.92	7.80 2.65	8.39 2.46	7.55 1.50	7.07 2.01	7.51 3.25	21
22	5.49 1.21	6.48 2.26	6.21 2.19	7.80 2.97	6.94 1.90	7.45 3.88	7.26 3.19	7.98 2.47	8.29 2.42	7.56 1.65	6.76 2.14	6.93 2.76	22
23	5.51 1.21	6.57 2.23	6.77 2.10	7.98 3.61	7.16 2.04	7.60 3.47	7.53 3.29	8.34 2.57	8.12 2.37	7.32 1.50	6.43 2.15	6.64 2.47	23
24	5.58 1.30	6.61 2.00	7.06 2.10	9.79 6.86	7.40 2.37	7.29 3.07	7.85 3.44	8.52 2.64	8.05 2.46	6.90 1.52	6.44 2.28	7.22 2.44	24
25	5.91 1.58	6.73 1.82	7.25 2.00	10.61 9.27	7.07 3.11	7.22 2.96	7.98 3.42	8.34 2.61	7.85 2.50	6.45 1.49	6.52 2.60	6.87 2.86	25
26	6.17 2.14	6.87 1.62	7.14 3.58	10.07 8.48	6.57 2.22	7.14 2.85	7.94 3.35	8.22 2.57	7.37 2.44	6.21 1.40	6.47 2.52	6.85 2.19	26
27	6.31 2.18	6.87 1.46	7.15 1.87	9.29 7.37	6.39 2.13	7.24 2.69	8.09 3.52	7.86 2.66	6.69 2.37	6.35 1.90	6.58 2.12	6.75 2.38	27
28	6.33 1.85	7.10 1.93	7.06 1.73	8.97 6.19	6.55 2.07	7.51 2.94	7.65 3.17	7.48 2.74	6.82 2.45	6.32 2.30	6.62 2.40	6.25 1.92	28
29	6.17 1.36	7.37 3.80	7.20 1.62	9.02 6.14	7.61 2.43	7.18 3.13	8.12 2.48	6.82 2.54	6.92 2.52	6.49 1.97	6.50 1.92	6.32 1.92	29
30	6.24 2.37	7.44 1.67	7.00 1.76	12.40A 7.71A	7.23 2.40	6.40 2.43	7.08 2.76	7.10 3.23	6.83 2.33	6.35 1.73	6.59 1.73	7.00 1.95	30
31	6.44 1.28	6.56 1.82	15.26A 12.49A	7.46 2.58	7.51 2.58	6.73 2.75	6.73 2.75	6.90 2.09	6.90 2.09	6.49 1.92	6.50 1.92	6.32 1.92	31
MAXIMUM	6.93	7.44	9.12	15.26	16.83	7.61	7.61	8.52	8.47	7.98	7.62	7.51	MAXIMUM
MINIMUM	1.16	1.38	1.62	1.56	1.90	1.65	1.65	1.67	2.37	1.29	1.50	1.50	MINIMUM

E = Estimated
NR = No Record

CREST STAGES											
DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
2/2/67	1000	16.83									

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC T & R M D B & M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		REF DATUM
			CFS	GAGE HT	DATE			FROM	TO	
39 19 15	121 40 38	SW52 6N 3	18.	- 2.46		18-DATA	1915	1916	1917	1964

Station located on east levee of Liberty Island, approx. mi. N of Interstate 1, S. W. 1/4 sec. and.
Station located in tidal zone. Maximum gage ht. listed does not necessarily indicate maximum discharge.

TABLE 8-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES
SACRAMENTO RIVER AT RIC VISTA

STATION NO.	WATER YEAR
B91210	1967

DATE	OCT	NOV	DEC	JAN	FEB.	MAR	APR	MAY	JUNE	JULY	AUG	SEP	DATE
1	6.37 2.90	6.35 1.55	7.34 1.92	5.67 1.45	7.89 4.59	6.57 2.27	6.40 1.82	5.75 2.01	6.44 2.85	6.94 3.44	7.28 2.18	7.03 2.06	1
2	6.66 2.74	6.47 1.62	7.78 2.19	5.64 1.35	7.79 4.49	6.60 2.02	6.08 1.93	5.44 2.29	5.21 3.11	5.27 3.15	5.77 2.30	7.07 1.74	2
3	6.62 2.52	6.91 1.68	6.23 2.74	5.67 1.33	7.55 4.08	6.80 2.12	5.95 1.91	6.02 2.50	6.58 3.01	7.07 2.65	7.43 2.10	7.01 1.89	3
4	6.43 2.43	6.47 2.36	6.62 2.19	5.97 1.84	7.42 3.79	6.51 1.84	6.08 2.21	6.25 2.90	6.95 3.05	6.98 2.35	7.39 2.03	6.88 1.96	4
5	6.52 2.22	6.41 2.00	7.03 3.09	6.67 1.95	7.30 3.47	6.37 1.82	6.12 2.17	6.49 2.87	7.32 2.86	7.42 2.54	7.41 1.93	6.76 2.11	5
6	6.59 2.10	6.21 2.17	7.33 2.89	6.50 1.54	7.07 3.15	6.12 1.44	6.22 2.42	6.27 2.69	7.05 2.30	7.55 2.33	7.42 2.06	6.49 2.19	6
7	6.02 1.97	6.00 1.66	7.38 3.06	6.56 1.43	7.21 3.02	6.27 1.60	6.26 2.63	6.29 2.35	7.16 2.25	7.53 2.25	7.25 1.90	6.77 2.50	7
8	5.99 1.48	5.94 2.02	7.46 3.00	6.65 1.39	7.00 2.86	6.28 1.75	6.38 2.82	6.41 2.38	7.30 2.29	7.52 2.17	7.12 2.19	6.94 2.49	8
9	6.13 1.44	6.07 2.09	7.57 2.84	6.69 1.37	6.94 2.77	6.65 2.23	6.38 2.71	7.04 2.54	7.47 2.43	7.37 2.08	6.91 2.05	6.97 2.23	9
10	5.57 1.66	6.35 2.08	7.67 2.59	6.54 1.38	6.65 2.68	6.65 2.64	6.53 2.67	7.18 2.42	7.40 2.28	7.15 1.94	6.72 2.50	7.04 2.12	10
11	6.77 2.33	6.69 2.03	7.53 2.35	6.71 1.61	6.21 2.52	6.39 2.26	6.85 2.72	6.91 2.10	7.23 2.31	6.66 1.71	6.68 2.49	6.71 2.07	11
12	6.48 2.27	6.85 1.86	7.49 2.31	6.66 3.52	6.01 3.65	6.58 2.81	6.72 2.56	6.71 1.89	7.26 2.53	6.32 1.94	6.85 2.47	6.88 1.70	12
13	5.79 1.56	6.97 1.80	7.53 4.32	6.27 1.69	6.24 2.77	6.36 2.87	6.55 2.35	6.48 1.69	6.64 2.19	6.60 2.16	7.01 2.23	7.00 2.05	13
14	5.24 1.51	7.03 3.48	7.08 2.41	5.71 1.59	6.50 3.36	6.36 2.66	6.43 2.21	6.20 1.65	6.54 2.32	6.82 2.50	7.22 2.09	5.95 2.17	14
15	6.37 1.59	6.95 1.84	6.41 2.15	5.35 1.52	5.74 2.78	6.38 2.50	6.44 2.26	6.06 1.64	6.95 2.53	7.25 2.84	7.51 2.13	7.00 2.30	15
16	6.41 2.44	6.51 2.36	5.99 1.75	5.43 1.52	5.65 2.72	7.11 3.29	5.88 2.00	5.91 1.79	7.27 2.86	7.64 2.79	5.86 2.27	6.93 2.33	16
17	6.39 1.54	6.33 1.50	5.58 1.79	5.47 1.69	5.77 2.47	6.26 2.61	5.94 2.55	6.20 1.95	7.94 3.35	7.63 2.62	7.22 1.94	6.72 2.20	17
18	6.19 1.45	5.73 1.72	5.52 1.72	5.52 2.06	5.96 2.28	6.34 2.92	5.98 2.24	6.65 2.27	6.28 3.43	5.75 2.18	7.19 1.86	6.42 2.15	18
19	6.15 1.38	5.83 1.69	5.49 1.77	5.71 2.07	6.26 2.05	6.20 2.74	6.17 2.21	5.93 2.46	8.01 2.75	7.49 1.91	7.16 2.12	6.26 2.32	19
20	6.28 1.67	6.21 2.43	5.93 2.10	6.56 2.55	6.16 1.34	6.13 2.59	6.17 2.25	6.99 2.82	8.01 2.55	7.83 1.80	7.23 2.28	6.37 2.66	20
21	5.53 1.76	6.05 2.32	6.04 2.49	7.88 3.75	6.47 1.62	6.34 2.34	6.75 2.71	7.37 2.72	8.00 2.43	7.46 1.89	6.97 2.19	7.09 3.47	21
22	5.22 1.32	6.11 2.37	5.86 1.99	7.50 2.77	6.67 1.68	6.61 2.40	6.39 2.39	7.57 2.48	7.92 2.33	7.42 2.04	6.68 2.43	6.61 2.92	22
23	5.22 1.39	6.21 2.40	6.44 1.88	7.70 2.03	6.90 1.90	7.09 2.55	7.13 2.92	7.94 2.60	7.78 2.24	7.17 1.99	6.38 2.44	6.65 2.66	23
24	5.29 1.50	6.26 2.12	6.73 1.87	8.74 3.98	7.20 2.24	6.91 2.38	7.49 2.89	8.15 2.63	7.71 2.42	6.81 1.91	6.31 2.67	6.94 2.58	24
25	5.59 1.81	6.33 1.92	6.98 1.75	8.09 3.17	6.79 2.10	6.78 2.48	7.60 2.70	7.99 2.61	7.51 2.54	6.38 2.54	6.43 1.90	6.62 3.02	25
26	5.91 2.31	6.50 1.74	6.92 1.66	8.04 3.09	6.26 2.00	6.72 2.67	7.54 2.52	7.86 2.53	7.06 2.39	6.10 1.85	6.43 2.90	6.56 2.35	26
27	5.97 2.35	6.49 1.59	6.94 1.42	7.85 4.40	6.05 2.21	6.82 2.40	7.68 2.61	7.49 2.53	6.41 2.24	6.29 2.34	6.58 2.77	6.52 2.46	27
28	5.99 2.03	6.77 1.99	6.73 1.51	7.73 2.99	6.22 2.00	7.13 2.61	7.26 2.40	7.11 2.57	6.46 2.43	6.24 2.69	6.58 2.66	6.60 2.13	28
29	5.3 1.55	7.01 3.96	6.96 3.93	7.49 3.22	7.31 2.23	7.31 2.23	6.80 2.47	6.46 2.36	6.60 2.94	6.45 2.88	6.75 2.15	6.75 2.08	29
30	5.91 1.46	7.05 1.75	6.65 1.51	7.57 3.70	6.91 2.18	6.06 1.97	6.67 1.97	6.75 3.33	6.77 2.70	6.88 1.88	5.98 1.88	5.98 2.12	30
31	6.13 1.55	6.22 1.54	6.22 1.54	9.16 8.99	7.14 2.41	6.34 2.41	6.34 2.72	6.03 2.72	6.03 2.44	5.84 2.10	5.84 2.10	6.04 1.70	31
MAXIMUM	6.77	7.05	7.70	7.74	7.89	7.31	7.65	8.15	8.01	7.64	7.51	7.09	MAXIMUM
MINIMUM	1.30	1.55	1.31	1.33	1.62	1.44	1.82	1.64	2.19	1.71	1.86	1.70	MINIMUM

E - Estimated
NR - No Record

CREST STAGES											
DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LOCATION	LATITUDE	LONGITUDE	I 4 SEC T & R M D B S M	OF RECORD		DISCHARGE	GAGE HEIGHT ONLY	PERIOD FROM	TO	ZERO ON GAGE	REF. DATUM
				CFS	GAGE HT						
4° 45' 12° 21' 41' 3° SW 31 4N 3E	10.2	12, 26, 55				25-DATE		1925 1961 1961 1964	-1.70 -0.57 -2.65 -3.80	USED USCGS USCGS SCGS	

Station located on bank at U. S. Engineers Transportation Depot, 1.1 mi. below State Highway 12 bridge.
Station located in tidal zone. Maximum gage ht. listed does not indicate maximum discharge.

TABLE B-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES
THREEMILE SLOUGH AT SACRAMENTO RIVER

STATION NO	WATER YEAR
B91100	197

DATE	OCT	NOV	OEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OATE
1	3.31 -0.20	3.36 0.63	4.38 -0.92	2.72 -1.38	4.87 1.63	3.62 -0.58	3.46 -1.02	2.2 -0.86	3.50 0.00	4.00 0.59	4.34 -0.65	2 -0.1	2
	3.51 0.27	3.48 -1.27	4.79 -0.67	2.67 -1.43	4.70 1.51	3.68 -0.79	3.17 -0.93	2.57 -0.57	2.28 0.29	4.12 0.20	2.2 -0.55	4.11 -1.08	
2	3.57 -0.41	3.90 -1.20	3.70 -0.10	2.71 -1.47	4.53 1.07	3.86 -0.72	3.04 -0.93	3.06 -0.37	3.64 0.16	2.32 -0.1	4.49 -0.73	4.01 -0.73	3
	3.41 -0.53	3.50 -0.56	3.64 -0.66	3.01 -1.16	4.40 0.79	3.60 -1.01	3.15 -0.64	3.25 0.03	4.00 0.18	4.03 -0.45	4.43 -0.33	3.73 -0.7	
3	3.50 -0.72	3.42 -0.91	4.04 0.26	3.75 -0.87	4.37 0.46	3.38 -1.23	3.16 -0.68	3.46 0.03	4.34 0.01	4.50 -0.24	4.85 -0.91	3. -0.13	5
	3.58 -0.86	3.25 -0.69	4.34 0.05	3.54 -1.28	4.22 0.15	3.20 -1.41	3.28 -0.40	3.32 -0.13	4.09 -0.55	4.61 -0.54	4.10 -0.23	3.84 -0.13	
4	3.05 -0.62	3.01 -1.01	4.37 0.22	3.62 -1.40	4.27 0.03	3.33 -1.24	3.29 -0.22	3.33 -0.49	4.19 -0.61	4.60 -0.60	4.29 -0.94	3.70 -0.31	7
	2.98 -1.42	2.97 -0.84	4.45 0.12	3.70 -1.44	4.06 -0.13	3.37 -1.08	3.41 -0.02	3.46 -0.47	4.34 -0.57	4.52 -0.58	4.17 -0.64	3.94 -0.35	
5	NR NR	3.07 -0.79	4.56 -0.02	3.74 -1.47	4.00 -0.18	3.71 -0.55	3.42 -0.15	4.09 -0.32	4.53 -0.45	4.43 -0.76	3.94 -0.40	4.00 -0.50	9
	NR NR	3.34 -0.79	4.67 -0.30	3.68 -1.44	3.72 -0.24	3.70 -0.18	3.56 -0.19	4.22 -0.44	4.44 -0.59	4.22 -0.89	3.75 -0.31	4.12 -0.70	
6	NR NR	3.68 -0.85	4.54 -0.53	3.75 -1.21	3.28 -0.38	3.44 -0.57	3.90 -0.12	3.95 -0.77	4.28 -0.55	3.74 -1.12	3.76 -0.32	3.76 -0.77	11
	NR NR	3.84 -1.03	4.52 -0.57	3.70 0.70	3.07 0.79	3.66 0.02	3.79 -0.30	3.77 -0.97	4.31 -0.34	3.39 -0.90	3.99 -0.36	3.92 -1.13	
7	NR NR	3.96 -1.08	4.55 1.49	3.31 -1.15	3.30 -0.12	3.43 0.06	3.62 -0.52	3.55 -1.12	3.72 -0.66	3.61 -0.71	4.05 -0.61	4.04 -0.79	13
	NR NR	4.03 0.63	4.13 -0.46	2.78 -1.24	3.58 0.52	3.42 -0.20	3.51 -0.67	3.29 -1.21	3.57 -0.53	3.95 -0.33	4.27 -0.74	2.92 -0.66	
8	NR NR	3.96 -1.05	3.46 -0.72	2.40 -1.31	2.82 -0.07	3.45 -0.39	3.53 -0.59	3.14 -1.19	3.94 -0.33	4.29 0.00	4.55 -0.73	4.03 -0.56	15
	NR NR	3.63 -0.53	3.07 -1.11	2.49 -1.29	2.76 -0.12	4.18 0.43	2.99 -0.86	3.00 -1.06	4.27 0.02	4.67 -0.06	2.89 -0.59	3.96 -0.56	
9	NR NR	3.35 -1.07	2.63 -1.06	2.52 -1.12	2.89 -0.39	3.35 -0.25	3.06 -0.29	3.22 -0.89	4.91 0.50	4.67 -0.25	4.28 -0.91	3.76 -0.54	17
	NR NR	2.78 -1.16	2.57 -1.11	2.59 -0.74	3.08 -0.58	3.43 0.05	3.99 -0.61	3.65 -0.90	3.30 0.51	2.80 -0.66	4.22 -0.97	3.40 -0.65	
10	NR NR	2.86 -1.20	2.54 -1.05	2.79 -0.75	3.42 -0.78	3.31 -0.14	3.26 -0.66	2.97 -0.40	5.02 -0.13	4.53 -0.94	4.21 -0.73	3.31 -0.49	19
	NR NR	3.16 -0.45	2.98 -0.71	3.64 -0.28	3.28 -1.21	3.29 -0.31	3.24 -0.64	3.98 -0.04	5.00 -0.31	4.46 -1.05	4.25 -0.55	3.42 -0.15	
11	NR NR	3.09 -0.52	3.11 -0.34	4.94 0.88	3.56 -1.25	3.49 -0.56	3.74 -0.15	4.37 -0.14	5.00 -0.44	4.50 -0.95	4.04 -0.51	4.04 -0.66	21
	NR NR	3.14 -0.48	2.92 -0.83	4.56 -0.09	3.75 -1.18	3.68 -0.49	3.92 0.04	4.57 -0.38	4.96 -0.55	4.47 -0.73	3.72 -0.40	3.67 0.10	
12	NR NR	3.23 -0.42	3.49 -0.94	4.75 -0.06	3.95 -0.97	4.12 -0.34	4.16 0.05	4.94 -0.26	4.81 -0.63	4.28 -0.33	4.25 -0.55	3.42 -0.15	20
	NR NR	3.28 -0.72	3.78 -0.96	5.76 0.99	4.24 -0.61	3.93 -0.50	4.51 -0.01	5.14 -0.26	4.72 -0.63	3.86 -0.33	3.42 -0.93	3.71 -0.37	
13	NR NR	3.35 -0.92	3.92 -1.07	5.11 0.25	3.86 -0.76	3.80 -0.39	4.62 -0.19	5.01 -0.26	4.55 -0.33	3.86 -0.93	3.50 0.17	3.71 -0.11	23
	NR NR	3.52 -1.09	4.02 -1.14	5.05 0.18	3.33 -0.84	3.73 -0.33	4.56 -0.36	4.90 -0.46	4.09 -1.00	3.12 0.04	2.67 0.04	2.67 -0.46	
14	NR NR	3.51 -1.24	3.88 -1.44	4.86 0.08	3.12 -0.61	3.83 -0.47	4.71 -0.30	4.52 -0.34	3.47 -0.60	3.34 -0.47	3.65 -0.11	3.62 -0.40	27
	NR NR	2.98 -1.35	3.80 -1.87	3.76 -1.53	4.73 1.59	3.27 -0.93	4.15 -0.27	4.32 -0.50	4.16 -0.32	3.47 -0.42	3.32 -0.21	3.56 -0.21	
15	NR NR	2.85 -1.35	4.05 1.15	3.91 0.83	4.47 0.30	4.34 -0.64	3.89 -0.43	3.53 -0.51	3.64 0.11	3.80 0.05	3.63 -0.62	3.52 -0.77	29
	NR NR	2.92 -1.41	4.08 -1.10	3.74 -1.32	4.58 0.48	3.95 -0.71	3.16 -0.91	3.68 -0.29	3.80 0.50	3.83 -0.13	3.95 -0.05	3.02 -0.71	
16	NR NR	3.14 -1.33	3.29 -1.29	5.14 1.73	4.20 -0.46	4.20 -0.15	3.39 -0.15	3.39 -0.39	3.92 -0.39	4.00 -0.73	4.00 -0.73	3.11 -0.11	31
	MAXIMUM	NR	4.08	4.79	5.76	4.87	4.34	4.71	5.14	5.02	4.67	4.66	4.11
MINIMUM	NR	-1.27	-1.53	-1.47	-1.25	-1.41	-1.02	-1.21	-0.66	-1.12	-0.97	-1.13	MINIMUM

E- Estimated
NR- No Record

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC T & R M.O.B.M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF DATUM
			CFS	GAGE HT	DATE			FROM	TO		
38 06 18	121 41 57	NE13 3N 2E	6.7	12	16, 35		APR 4-DATE	1929	1942		5
								1941	1953	0	5
								1955	-10	0	65
								1959	-6.7	0	75
								1964	-10.0	0	75
								1964	0	0	75

Station located on Sherman Island, 0.1 mi. E of state Highway low bridge, P.M. i. of Mt. Vista. Station located in tidal zone. Maximum gage ht. listed does not indicate maximum discharge.

TABLE 8-12 (CONT)
DAILY MAXIMUM AND MINIMUM TIDES
SACRAMENTO RIVER AT COLLINSVILLE

STATION NO	WATER YEAR
B01110	1967

DATE	OCT	NOV	DEC	JAN.	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	DATE
1	15.72 12.41	15.86 13.37	16.80 11.68	15.11 11.20	17.17 13.77	16.05 11.91	15.86 11.48	15.09 11.56	15.83 12.50	16.22 13.00	NR NR	15.07 11.60	1
2	15.92 12.29	15.96 11.39	17.12 11.90	15.07 11.14	17.02 13.58	16.11 11.70	15.55 11.56	14.88 11.80	14.63 12.82	16.31 12.68	NR NR	16.46 11.48	2
3	15.97 13.14	16.26 11.46	16.10 12.47	15.13 11.17	16.90 13.19	16.19 11.80	15.37 12.03	15.32 12.65	15.93 12.29	16.30 12.29	NR NR	16.40 11.52	3
4	15.84 12.17	15.95 11.94	16.12 11.91	15.43 11.48	16.76 12.85	16.00 11.52	15.50 11.78	15.52 12.44	16.27 12.58	14.95 12.01	NR NR	16.24 11.62	4
5	15.86 11.92	15.79 11.67	16.41 12.78	16.14 11.73	16.77 12.60	15.78 11.25	15.55 11.80	15.73 12.51	16.57 12.40	16.78 12.02	16.80 11.61	16.16 11.80	5
6	15.93 11.79	15.76 11.94	16.68 12.63	16.01 11.30	16.58 12.30	15.59 11.12	15.64 12.08	15.62 12.32	16.36 11.87	16.90 11.93	16.82 11.58	15.86 11.95	6
7	15.53 11.71	15.47 11.69	16.71 12.78	16.08 11.18	16.66 12.22	15.71 11.30	15.65 12.22	15.62 12.02	16.45 11.81	16.95 11.85	16.63 11.85	16.08 12.18	7
8	15.46 11.28	15.45 11.84	16.77 12.56	16.13 11.18	16.40 12.08	15.76 11.46	15.72 12.45	15.78 11.97	16.65 11.84	16.95 11.78	16.51 11.87	16.21 12.18	8
9	15.58 11.23	15.55 11.88	16.91 12.40	16.18 11.13	16.33 12.06	16.06 11.95	15.72 12.31	16.36 12.12	16.86 11.95	16.82 11.72	16.23 12.07	16.29 11.93	9
10	16.01 11.43	15.82 11.94	17.02 12.10	16.07 11.08	16.06 12.05	16.08 12.35	15.87 12.28	16.50 11.97	16.73 11.85	16.59 11.63	16.08 12.21	16.40 11.81	10
11	15.52 12.09	16.19 11.88	16.88 11.88	16.13 11.28	15.64 11.94	15.81 12.01	16.22 12.31	16.25 11.65	16.60 11.82	16.14 11.45	16.09 12.26	16.17 11.75	11
12	15.86 12.03	16.31 11.64	16.87 11.88	16.08 11.42	15.42 12.26	16.05 12.55	16.10 12.10	16.05 11.48	16.61 12.06	15.79 11.63	16.20 12.16	16.25 11.41	12
13	15.29 11.45	16.42 11.65	16.92 12.00	15.71 13.19	15.63 12.90	15.83 12.59	15.94 11.88	15.84 11.31	16.01 11.76	15.93 11.82	16.39 11.92	16.35 11.70	13
14	15.43 11.33	16.50 11.64	16.50 14.07	15.16 11.36	15.87 12.95	15.78 12.34	15.84 11.76	15.65 11.27	15.76 11.85	16.20 12.23	16.60 11.79	15.30 11.81	14
15	15.85 11.43	16.43 13.65	15.83 11.77	14.75 11.28	15.13 12.34	15.80 12.19	15.89 11.86	15.46 11.26	16.15 12.06	16.62 12.52	16.78 11.76	16.33 11.86	15
16	15.85 11.32	16.12 12.02	15.44 11.40	14.84 E 11.35 E	15.10 12.31	16.55 12.85	15.33 11.53	15.33 11.40	16.53 12.52	16.92 12.37	15.19 11.88	16.23 11.89	16
17	15.83 12.69	15.80 11.57	14.99 11.45	14.90 11.45	15.26 12.09	15.68 12.17	15.48 12.06	15.47 11.57	17.01 12.96	17.00 12.12	16.61 11.60	16.08 11.88	17
18	15.66 11.30	15.24 11.48	14.93 11.44	14.95 11.89	15.45 12.34	15.77 12.34	15.48 11.81	15.84 11.81	17.21 12.78	15.12 11.81	16.54 11.58	15.81 11.91	18
19	15.63 11.19	15.42 11.46	14.93 11.53	15.19 11.86	15.81 11.69	15.68 12.19	15.59 11.79	16.17 12.06	15.35 12.28	16.87 11.55	16.50 11.78	15.71 12.11	19
20	15.63 11.39	15.63 12.21	15.34 11.90	16.08 12.33	15.71 11.25	15.68 12.04	15.58 11.88	15.39 12.40	17.22 12.08	16.77 11.45	16.52 11.97	15.78 12.42	20
21	14.93 11.62	15.45 12.10	15.50 12.26	17.33 13.31	15.95 11.20	15.78 11.74	16.01 12.28	16.59 12.32	17.30 11.96	16.84 11.61	16.35 11.96	16.32 12.59	21
22	14.70 11.18	15.50 12.12	15.33 11.76	16.85 12.34	16.15 11.26	16.01 11.84	16.20 12.49	16.83 12.08	17.19 11.86	NR NR	16.07 12.15	16.00 12.99	22
23	14.69 11.19	15.62 12.15	15.88 11.62	17.11 12.40	16.37 11.50	16.37 11.97	16.45 12.48	17.18 12.13	17.12 11.84	NR NR	15.73 12.19	16.09 12.33	23
24	14.76 11.34	15.68 11.85	16.16 11.61	18.10 13.33	16.70 11.86	16.21 11.85	16.82 12.38	17.32 12.08	17.03 12.01	NR NR	15.66 12.39	16.24 12.28	24
25	15.08 11.67	15.74 11.66	16.30 11.49	17.47 12.60	16.29 12.00	16.11 12.14	16.93 12.10	17.27 12.10	16.82 12.06	NR NR	15.80 12.62	16.05 12.28	25
26	15.24 12.00	15.91 11.54	16.42 11.39	17.41 12.53	15.77 11.64	16.03 12.12	16.86 11.95	17.23 11.98	16.35 11.93	NR NR	15.73 12.51	15.98 12.06	26
27	15.41 12.09	15.92 11.32	16.28 11.15	17.20 12.45	15.55 11.67	16.17 12.04	17.01 12.01	16.80 11.98	15.76 11.87	NR NR	15.89 12.35	15.96 12.02	27
28	15.47 11.80	16.19 11.70	16.19 11.03	17.09 14.02	15.72 11.90	16.45 12.14	16.67 11.91	16.41 11.97	15.73 12.07	NR NR	15.97 12.14	16.06 11.79	28
29	15.33 11.38	16.42 11.46	16.33 11.25	16.79 12.65	16.29 11.81	16.67 11.82	16.86 11.91	17.23 11.91	16.35 12.57	NR NR	15.87 11.80	16.12 11.76	29
30	15.41 11.30	16.46 13.73	16.16 13.46	16.83 12.74		16.32 11.74	15.53 11.50	15.81 12.04	16.06 12.05	NR NR	16.24 11.55	15.35 11.75	30
31	15.63 11.38		15.71 11.31	17.45 13.92		16.57 11.91		15.72 12.23		NR NR	16.36 11.69		31
MAXIMUM	16.01	16.50	17.12	18.10	17.17	16.67	17.01	17.32	17.30	NR	NR	16.46	MAXIMUM
MINIMUM	11.18	11.32	11.03	11.08	11.20	11.12	11.48	11.26	11.76	NR	NR	11.41	MINIMUM

E = Estimated
NR = No Record

CREST STAGES											
DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE

LOCATION	MAXIMUM DISCHARGE			PERIOD OF RECORD		OATUM OF GAGE			PERIOD FROM	TO	REF. DATUM
	LATITUDE	LONGITUDE	I'4 SEC T & R M D B M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY			
38 04 25 121 51 18 SW27 3N 1E				CFS	GAGE HT	DATE				JUNE 29-DATE	1929
				9.2		4/6/58				1929	0.00 -5.05
Station located 0.4 mi. SW of Collinsville, 3.3 mi. NE of Pittsburg. Maximum gage height does not indicate maximum discharge.											

TABLE 8-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES
SAN JOAQUIN RIVER AT MOSSDALE BRIDGE

in feet

STATION NO	WATER YEAR
B95820	1967

DATE	OCT	NOV	OEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	DATE
1	3.08 0.98	3.23 0.53	4.21 1.13	3.61 2.80	7.39 6.42	4.59 3.59	5.53 4.88	14.81A 14.50A	13.95 13.69	13.55 13.41	4.15 1.95	NR	
2	3.23 0.95	3.38 0.54	4.48 1.40	3.29 2.47	7.37 6.58	4.55 3.32	6.76A 5.22A	14.51 14.43	14.13A 13.95A	13.57 13.42	4.46 1.96	NR	2
3	3.33 0.87	4.03 0.65	3.73 1.79	3.00 1.95	7.43 6.70	4.59 3.01	7.51A 6.71A	14.35A 14.16A	14.24A 14.13A	13.71 13.61	4.46 2.06	NR	3
4	3.31 0.89	3.63 1.18	2.93 1.28	3.05 1.59	7.44 6.87	4.44 3.40	7.75 7.30	14.19 14.12	14.19A 13.76A	13.74 13.60	4.42 2.02	NR	4
5	3.52 0.67	2.85 0.98	3.83 1.44	3.87 2.04	7.27 6.79	4.17 3.01	7.34 6.85	14.06A 13.93A	13.76A 13.29A	13.69A 13.40A	4.27 1.82	NR	5
6	3.67 0.65	3.60 1.05	4.22 1.89	3.71 2.25	7.02 6.52	3.77 2.71	6.38 6.03	13.95A 13.81A	13.34 13.27	13.42 13.14	4.18 1.86	NR	6
7	2.36 0.61	3.32 1.07	4.41 2.19	3.79 2.09	6.90 6.26	3.62 2.25	6.79 5.93	13.82A 13.71	13.82A 13.37A	13.23A 12.99A	4.04 1.84	NR	7
8	3.11 0.32	3.05 1.22	5.47 3.01	3.85 2.08	6.87 6.19	3.69 2.12	8.93A 6.82A	13.67 13.52	13.95A 13.82A	12.99A 12.52A	3.94 1.96	NR	8
9	2.94 0.30	2.94 1.13	6.09 4.75	3.83 2.03	6.92 6.32	3.82 2.19	10.14A 8.93A	13.55 13.38	13.83A 13.43A	12.44 12.12	3.76 1.90	3.80 1.70	9
10	2.90 0.50	3.14 1.16	6.69 5.40	3.77 1.94	6.92 6.38	3.55 2.18	10.57A 10.14A	13.40 13.24	13.48A 13.38A	12.13A 11.53A	3.47 1.88	2.72 1.59	10
11	3.45 1.06	3.47 1.24	7.24 6.07	3.87 1.95	6.82 6.50	3.53 2.07	10.76 10.55	13.37A 13.26A	13.52A 13.39A	11.55A 10.89A	3.58 1.66	4.14 1.80	11
12	3.14 1.00	3.61 1.29	7.15 6.64	3.80 2.05	6.59 6.34	3.83 2.00	10.79 10.63	13.62A 13.37A	13.77A 13.48A	10.90A 10.50A	3.50 1.71	3.83 1.64	12
13	2.68 1.04	3.78 1.26	6.66 6.07	3.44 1.89	6.35 5.98	3.75 2.64	10.83 10.57	13.75A 13.59A	13.94A 13.77A	10.56A 9.48A	3.66 1.70	3.96 1.73	13
14	2.56 0.57	3.88 1.25	5.37 5.36	2.98 1.66	6.24A 5.51A	3.77 2.55	10.70 10.56	13.59A 13.00A	13.97A 13.80A	9.51A 8.58A	3.92 1.76	3.99 1.68	14
15	3.02 0.64	3.50 1.24	5.22 4.66	2.58 1.14	5.49 5.04	4.40 3.34	10.87A 10.62A	12.60A 12.60A	13.90A 13.09A	8.58A 6.97A	4.12 1.64	3.86 1.67	15
16	3.10 0.83	3.66 1.31	4.89 4.21	2.63 1.26	5.38 4.06	5.31 4.02	10.62A 9.99A	12.67A 12.56A	13.09A 12.28A	7.21 5.72	4.34 1.62	3.79 1.76	16
17	3.09 0.79	3.47 1.14	4.53 4.00	2.60 1.14	5.40 4.82	7.32A 5.36A	9.99A 9.66A	12.71A 12.56A	12.28A 11.72A	6.74 6.14	4.03 1.48	3.64 1.80	17
18	3.04 0.68	2.95 1.04	4.37 4.05	2.67 1.06	5.44 4.79	9.52A 7.32A	9.65 9.20	12.75 12.63	11.91A 11.72A	7.45 6.80	3.88 1.43	3.45 1.77	18
19	3.10 0.50	2.85 0.82	4.29 3.63	2.85 1.10	5.53A 4.66A	10.70A 9.52A	9.71A 9.20A	12.68A 12.41A	12.11 11.79	7.52 6.60	3.81 1.50	3.35 1.81	19
20	2.55 0.59	3.17 1.00	4.45 3.59	3.48 1.55	5.24 4.51	11.42A 10.70A	10.94A 9.71A	12.45A 12.25A	12.58A 12.10A	6.99 5.96	3.88 1.63	3.43 1.85	20
21	3.38 0.79	2.90 0.94	4.46 3.60	4.59 1.64	5.24 4.32	11.69 11.39	11.55A 10.94A	12.27 12.08	12.89 12.58	6.42 5.16	3.76 1.66	4.06 1.89	21
22	2.54 0.37	2.90 0.84	4.39 3.61	4.77 2.49	5.23 4.98	11.58A 11.20A	11.76 11.51	12.06 11.82	13.02 12.98	5.71 4.44	3.54 1.70	3.75 2.02	22
23	2.17 0.37	2.94 0.79	4.71 3.65	5.26 2.62	5.31 4.31	11.20A 10.23A	12.33A 11.75A	12.04A 11.75A	12.94 12.69	5.26 4.07	3.31 1.56	3.86 1.90	23
24	2.15 0.43	3.02 1.05	4.97 3.73	6.45 4.03	5.53 4.64	10.23A 11.44A	12.80A 12.33A	12.59A 12.04A	12.75 12.57	4.77 3.40	3.26 1.55	4.28 1.86	24
25	2.44 0.54	3.06 1.08	4.83 3.75	5.96 4.37	5.26 4.67	8.46A 7.12A	13.46A 12.80A	13.17A 12.59A	12.82 12.06	4.22 2.96	3.41 1.62	4.02 2.01	25
26	2.73 0.2	3.20 1.01	5.01 3.69	6.27 4.82	4.61 4.21	6.95 6.14	14.29A 13.46A	13.50A 13.17A	13.07 12.89	3.95 3.03	2.50 1.60	3.99 1.80	26
27	2.85 0.93	3.23 0.85	4.81 3.63	6.30 1.76	4.40 3.75	6.44 5.62	14.69A 14.29A	13.69A 13.54A	13.38A 13.17A	3.90 2.52	3.47 1.57	3.21 1.01	27
28	2.79 0.54	3.41 0.92	4.70 3.33	6.02 5.25	4.35 4.07	6.15 5.39	14.30A 14.54A	13.58A 13.53	13.58A 13.58A	3.79 2.17	3.81 1.64	3.86 1.93	28
29	2.54 0.73	3.03 0.92	4.53 3.33	6.24 5.43	5.21 4.36	14.87A 14.76A	13.59 13.45	13.58A 13.58A	3.65 2.12	3.89 1.48	3.86 1.93	29	
30	2.72 0.46	3.88 0.99	4.32 3.03	6.04 5.43	5.27 4.36	14.91A 14.76A	13.65 13.59	13.71A 13.47A	3.78 2.11	3.66 1.36	4.03 2.19	30	
31	2.97 0.46	3.90 0.99	5.77 5.75	5.49 4.55	5.49 4.55	13.01A 13.05A	14.08 13.65A	14.08 13.65A	14.24 11.72	4.08 2.09	NR NR	31	
MAXIMUM	3.67	4.03	7.21	6.77	7.44	11.10	14.91	14.31	14.24	13.74	4.46	4.14	MAXIMUM
MINIMUM	0.30	0.53	1.13	1.08	3.55	2.07	4.96	11.72	11.72	2.09	NR	NR	MINIMUM

E = Estimated
NR = No Record

CREST STAGES

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
3/21/67	1:43	11.57	4/30/67	1330	14.51						
4/15/67	1030	0.77									

A High flows affected the normal tidal pattern. Gage heights listed are maximum and minimum stage for day.

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE			
LATITUDE	LONGITUDE	14 SEC T & R M D 6 A.M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD			REF ON GAGE	REF DATUM
			CFS	GAGE HT	DATE			FROM	TO			
37 47 12	121 18 21	SW 3 2S 6E	24.4	12/10/50				20-DATE	1920	1943	5.16	USED
									1943	0.00	USCOS	
									1943	3.27	USED	
									1964	-0.17	USCOS	
									1964	0.00	USCOS	

Station located on U. S. Highway 50 bridge, 3.0 mi. SW of Lathrop. Station located in tidal zone.
Maximum gage ht. listed does not necessarily indicate maximum discharge.

TABLE 8-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES
STOCKTON SHIP CHANNEL AT BURNS CUTOFF

STATION NO	WATER YEAR
B9E150	1967

DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	DATE	
1	6.32 3.10	6.39 1.94	7.20E 2.26E	5.60 1.91	7.87 4.45	6.39 2.52	6.46 2.60	5.92 2.54	6.24 2.75	6.41 3.57	.68 2.25	7.1. 2.3d		
2	6.47 2.89	6.46 1.98	7.60E 2.51E	5.42 1.78	7.79 4.23	6.49 2.34	6.11 2.26	6.02 2.69	6.42 3.16	7.01 3.33	7.11 2.37	7.00 2.22	2	
3	6.56 2.78	6.96 2.06	6.60E 3.14E	5.48 1.66	7.56 3.80	6.80 2.39	6.02 2.29	6.22 2.92	6.57 3.24	7.14 2.95	7.21 2.27	6.92 2.42	3	
4	6.46 2.65	6.56 2.61	5.99E 2.42E	5.72 1.84	7.39 3.50	6.56 2.19	6.09 2.54	6.36 3.27	6.94 3.32	6.98 2.54	7.13 2.27	7.77 2.1F	4	
5	6.62 2.47	6.51 2.28	6.80E 3.12E	6.49 2.35	7.34 3.22	6.31 1.94	6.02 2.49	6.52 3.27	7.24 3.14	7.33 2.22	7.09 2.19	6.62 2.66	5	
6	6.70 2.37	6.27 2.40	7.17E 3.20E	6.31 2.00	7.11 3.04	6.07 1.84	6.12 2.76	6.30 3.19	7.01 2.70	7.32 2.58	7.0F 2.31	7.37 2.51	6	
7	6.16 2.19	5.75 2.31	7.26E 3.32E	6.41 1.87	7.19 4.49	6.16 1.99	6.20 2.05	6.40 2.89	7.06 2.68	7.37 3.01	6.72 1.95	6.54 2.85	7	
8	6.04 1.79	5.99 2.44	7.30E 3.31E	6.50 3.39	6.95 3.00	6.26 2.18	6.15 3.28	6.54 2.96	7.23 2.78	7.74 2.94	6.59 2.66	6.70 2.76	8	
9	5.23 1.79	5.98 2.44	7.35E 3.17E	6.65 1.90	6.88 2.87	6.26 3.38	6.38 3.16	7.16 3.15	7.44 2.88	7.56 2.79	6.81 2.89	6.56 2.60	9	
10	6.08 2.02	6.23 2.49	7.53E 4.03E	6.50 1.90	6.59 2.83	6.49 2.67	6.49 3.11	7.31 3.10	7.31 2.72	7.35 2.65	6.61 2.84	6.88 2.4F	10	
11	6.68 2.74	6.54 2.90	7.33E 2.95E	6.60 1.88	6.19 2.73	6.29 2.72	6.82 3.27	7.07 2.80	7.15 2.75	6.87 2.25	6.59 2.73	6.56 2.20	11	
12	6.35 2.70	6.69 2.46	7.35E 2.75E	6.54 2.11	5.85 2.66	6.48 2.61	6.88 3.08	6.91 2.67	7.20 2.93	6.52 2.50	6.72 2.68	5.2F 1.90	12	
13	5.83 2.57	6.85 2.35	7.40 2.69E	6.18 2.15	6.30 2.83	6.30 3.13	6.70 2.83	6.72 2.41	6.61 2.62	6.63 2.64	6.91 2.46	6.66 2.20	13	
14	5.79 2.12	6.93 2.32	6.99 2.79	5.66 1.99	6.59 3.53	6.17 2.87	6.56 2.67	6.44 2.18	6.14 2.73	6.87 2.84	5.40 2.41	6.96 2.5F	14	
15	6.23 1.94	6.76 2.30	6.36 2.47	5.25 1.86	5.73 2.75	6.31 2.72	6.61 2.67	6.25 2.12	6.48 2.81	5.49 3.12	7.20 2.41	6.94 2.72	15	
16	6.26 2.13	6.64 2.65	6.01 2.10	5.32 1.81	5.79 2.73	6.94 3.47	6.03 2.36	6.09 2.21	6.76 3.04	7.30 3.10	7.45 2.62	6.46 2.7F	16	
17	6.30 1.97	6.40 2.20	5.55 2.08	5.34 1.88	5.92 2.46	6.40 2.92	6.02 2.77	6.04 2.42	7.03 3.55	7.70 3.04	7.15 2.34	6.94 2.90	17	
18	6.15 1.90	5.81 2.10	5.43 1.92	5.43 2.09	6.13 2.36	6.63 3.28	6.06 2.55	6.27 2.75	7.72 3.70	7.64 2.66	7.07 2.31	6.44I 2.70	18	
19	6.16 1.76	5.81 1.97	5.44 1.84	5.63 2.23	6.00 2.33	6.51 3.03	6.31 2.70	6.65 2.90	7.85 3.16	7.51 2.49	7.04 2.52	6.30 2.72	19	
20	6.39 1.94	6.16E 2.52	5.87 2.15	6.33 2.57	6.28 1.93	6.42 2.88	6.20 2.89	6.94 3.28	7.79 3.01	7.43 2.42	7.09 2.71	6.36 2.92	20	
21	5.41 2.23	5.91E 2.47E	5.91 2.50	7.52 4.28	6.48 1.97	6.52 2.69	6.81 3.42	7.30 3.31	7.76 2.90	7.44 2.44	6.89 2.44	7.09 3.02	21	
22	5.21 1.68	5.97E 2.53E	5.77 2.25	7.60 3.31	6.63 2.09	6.70 2.79	6.96 3.59	7.48 3.09	7.76 2.86	7.41 2.59	6.43 2.55	6.60 3.26	22	
23	5.24 1.68	6.02E 2.56E	6.37 2.26	7.78 5.01	6.80 3.47	7.20 3.08	7.18 3.59	7.86 3.30	7.66 2.75	7.12 2.50	6.12 2.41	6.60 2.88	23	
24	5.25 1.78	6.08E 2.41E	6.64 2.26	8.86 3.04	7.07 2.30	6.83 3.76	7.55 3.70	8.07 3.37	7.56 2.89	6.79 2.34	6.04 2.72	6.92 2.76	24	
25	5.52 2.09	6.12E 2.26E	6.69 3.66	8.09 4.33	6.67 2.62	6.63 2.77	7.64 3.56	8.02 3.35	7.40 2.99	6.36 2.09	6.21 2.88	6.62 2.84	25	
26	5.83 2.65	6.26E 3.20E	6.97 2.27	8.01 3.44	6.13 2.51	6.47 2.88	7.61 3.34	7.95 3.20	6.94 2.86	6.00 2.14	6.23 2.74	5.56 2.44	26	
27	5.96 2.60	6.30E 2.13E	6.74 2.23	7.77 3.57	5.90 2.35	6.55 2.79	7.80 3.44	7.64 3.28	6.35 2.56	6.23 2.49	6.51 2.67	5.42 2.45	27	
28	5.95 2.75	6.62E 2.02E	6.64 1.93	7.55 3.39	6.03 2.29	6.87 3.08	7.42 3.10	7.32 3.13	6.37 2.69	6.28 2.73	6.56 2.56	5.70 2.6	28	
29	5.77 2.29	6.87E 2.30E	6.71 1.85	7.32 3.43	7.13 2.71	7.08 3.18	6.41 2.67	5.41 3.12	6.50 2.90	6.56 2.24	6.44 2.24	5.46 2.24	29	
30	5.86 1.90	6.92E 2.16E	6.58 2.07	7.59 3.60	6.67 2.43	6.36 2.58	5.78 2.82	6.61 3.44	4.85 2.80	5.55 2.80	5.46 2.2C	5.0 30		
31	6.10 1.84	6.13 2.02	8.15 4.71	7.00 2.64	6.65 2.77	6.65 2.77	6.65 2.77	6.58 2.39	6.91 2.41	6.91 2.41	7.04 2.11	7.04 1.90	31	
MAXIMUM	6.70	6.96	7.60	8.86	7.87	7.20	7.80	8.07	7.85	7.74	7.45	7.04	MAXIMUM	
MINIMUM	1.68	1.94	1.84	1.66	1.93	1.84	2.26	2.12	2.56	2.09	2.11	1.90	MINIMUM	

E= Estimated
NR= No Record

CREST STAGES											
DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC T A R M D B & M	DF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF DATUM
			CFS	GAGE HT	DATE			FROM	TO		
37 57 46	121 21 54	SW 6 1N 6E	10.3	12/26/55		MAY 40-DATE		1940	1943	-4.22	1945
Station located on north end of Rough and Ready Island, approx. 0.4 mi. above Burns Cutoff. Station located in tidal zone. Maximum gage ht. listed does not indicate maximum discharge.											

TABLE B-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES
SAN JOAQUIN RIVER AT RINDGE PUMP

in feet

STATION NO.	WATER YEAR
B95620	1967

DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	DATE
1	3.27 0.17	3.22 -1.06	4.07 -0.70	2.49 -1.07	4.72 1.42	3.24 -0.40	3.38 -0.79	2.79 -0.48	3.33 -0.08	3.88 0.73	3.76 -0.55	3.92 -0.65	1
2	3.38 -0.01	3.34 -0.99	4.47 -0.46	2.31 -1.20	4.63 1.21	3.37 -0.69	3.01 -0.74	2.91 -0.30	3.49 0.33	4.08 0.50	4.18 -0.40	3.90 -0.76	2
3	3.47 -0.14	3.84 -0.99	3.50 0.04	2.32 -1.33	4.43 0.79	3.68 -0.58	2.92 -0.72	3.07 -0.11	3.64 0.40	4.20 0.13	4.28 -0.49	3.78 -0.59	3
4	3.37 -0.24	3.43 -0.37	2.94 -0.52	2.61 -1.13	4.27 0.51	3.42 -0.77	2.98 -0.45	3.21 0.23	4.01 0.47	4.14 -0.08	4.20 -0.53	3.61 -0.54	4
5	3.54 -0.45	3.41 -0.71	3.68 0.13	3.33 -0.61	4.21 0.23	3.20 -1.04	2.91 -0.48	3.39 0.24	4.30 0.31	4.60 0.18	4.16 -0.59	3.49 -0.43	5
6	3.59 -0.56	3.16 -0.58	4.04 0.19	3.19 -0.98	4.01 0.04	2.96 -1.12	3.01 -0.22	3.28 0.16	4.06 -0.19	4.63 0.01	4.14 -0.48	3.22 -0.37	6
7	3.04 -0.81	2.62 -0.69	4.09 0.33	3.31 -1.08	4.08 1.49	3.04 -0.98	3.07 -0.01	3.25 -0.19	4.12 -0.16	4.61 -0.02	3.97 -0.60	3.51 -0.13	7
8	2.92 -1.20	2.86 -0.51	4.14 0.37	3.38 0.39	3.83 0.02	3.12 -0.78	3.17 0.21	3.40 -0.08	4.29 -0.07	4.59 -0.09	3.85 -0.33	3.66 -0.20	8
9	2.10 -0.97	2.85 -0.54	4.21 0.15	3.42 -1.07	3.76 0.10	3.49 0.39	3.24 0.14	4.02 0.12	4.49 0.06	4.40 -0.27	3.67 -0.08	3.71 -0.49	9
10	2.95 -0.96	3.08 -0.48	4.37 1.02	3.39 -1.02	3.50 -0.15	3.40 -0.28	3.37 0.09	4.17 0.10	4.38 -0.11	4.20 -0.37	3.40 -0.12	3.95 -0.55	10
11	3.56 -0.25	3.41 -0.49	4.20 -0.03	3.50 -1.09	3.09 -0.24	3.19 -0.20	3.70 0.24	3.93 -0.19	4.21 -0.06	3.71 -0.56	3.45 -0.27	3.61 -0.59	11
12	3.22 -0.30	3.56 0.12	4.22 -0.23	3.42 -0.87	2.92 -0.33	3.36 -0.41	3.69 0.07	3.79 -0.39	4.27 0.08	3.36 -0.51	3.50 -0.39	2 30 -0.89	12
13	2.71 -0.43	3.71 -0.62	4.27 -0.28	3.04 -0.82	3.17 -0.12	3.19 0.17	3.55 -0.19	3.61 -0.61	3.69 -0.20	3.49 -0.30	3.77 -0.50	3.75 -0.54	13
14	2.66 -0.86	3.80 -0.66	3.89 -0.21	2.55 -0.97	3.47 0.52	3.07 -0.12	3.44 -0.36	3.34 -0.87	3.42 -0.10	2.58 -0.17	2.26 -0.60	3.46 -0.42	14
15	3.07 -1.02	3.66 -0.67	3.26 -0.51	2.13 -1.11	2.63 -0.25	3.19 -0.25	3.51 -0.39	3.13 -0.92	3.54 -0.01	3.73 0.11	4.01 -0.56	3.70 -0.30	15
16	3.13 -0.91	3.52 -0.33	2.92 -0.88	2.20 -1.15	2.68 -0.32	3.85 0.47	2.94 -0.66	2.99 -0.85	3.84 0.20	4.15 0.10	4.32 -0.37	3.70 -0.29	16
17	3.18 -1.01	3.28 -0.78	2.44 -0.91	2.23 -1.11	2.82 -0.53	3.30 -0.11	2.98 -0.23	2.94 -0.59	4.10 0.65	4.55 0.06	4.02 -0.64	3.51 -0.30	17
18	3.02 -1.08	2.70 -0.90	2.32 -1.07	2.32 -0.89	3.03 -0.65	3.52 0.22	2.99 -0.45	4.79 -0.28	4.79 0.88	4.46 -0.31	3.93 -0.68	3.22 -0.39	18
19	3.03 -1.23	2.67 -1.02	2.34 -1.12	2.54 -1.07	3.40 -0.66	3.40 -0.02	3.23 -0.33	3.53 -0.10	4.89 0.35	4.37 -0.50	3.89 -0.47	3.06 -0.39	19
20	3.30 -1.27	3.03 -0.44	2.73 -0.85	3.29 -0.32	3.17 -1.06	3.32 -0.13	3.09 -0.21	3.81 0.27	4.24 0.21	4.29 -0.58	3.95 -0.25	3.16 -0.06	20
21	2.42 -0.75	2.78 -0.49	2.80 0.92	3.37 -1.01	3.41 -0.35	3.64 0.35	4.15 0.28	4.81 0.09	4.81 -0.53	3.74 -0.30	3.74 -0.09	3.78 -0.09	21
22	2.10 -1.31	2.84 -0.46	2.65 -0.73	4.47 0.32	3.50 -0.87	3.58 -0.20	3.82 0.54	4.33 0.10	4.80 0.03	4.31 -0.11	3.46 -0.24	3.47 0.21	22
23	2.10 -1.30	2.90 -0.41	3.25 -0.73	4.65 0.47	3.64 0.47	4.02 0.09	4.00 0.56	4.70 0.26	4.70 -0.06	3.99 -0.54	3.17 -0.27	3.54 -0.19	23
24	2.12 -1.22	2.93 -0.57	3.50 -0.72	5.72 0.18	3.91 -0.66	3.69 -0.13	4.39 0.67	4.92 0.34	4.61 0.08	3.66 -0.10	3.13 -0.16	3.93 -0.19	24
25	2.30 -0.8	2.98 -0.72	3.57 0.66	4.96 1.23	3.54 -0.72	3.47 0.19	4.19 0.52	4.6 0.33	4.45 0.13	3.27 -0.80	3.28 0.03	3.63 -0.07	25
26	2.69 -0.34	3.15 0.17	3.82 -0.72	4.87 0.62	2.99 -0.43	3.35 -0.09	4.86 0.27	4.81 0.20	4.00 0.02	2.88 -0.76	3.31 -0.01	3.72 -0.45	26
27	2.82 -0.39	3.17 -0.85	3.61 0.56	4.62 -0.63	2.77 -0.19	3.42 0.40	4.13 0.21	4.48 -0.28	3.44 -0.50	3.10 -0.14	3.57 -0.40	3.52 -0.40	27
28	2.80 -0.65	3.49 -0.96	3.49 -1.01	4.43 0.39	2.91 -0.68	3.74 0.11	4.30 0.05	4.20 0.23	3.27 -0.17	3.15 -0.21	3.63 -0.26	2.84 -0.60	28
29	2.63 -0.25	3.75 -0.68	3.61 -1.12	4.22 0.49	3.90 -0.28	3.95 0.12	3.55 -0.16	3.43 0.23	3.43 0.26	3.34 -0.05	3.48 -0.78	3.55 -0.55	29
30	2.72 -1.01	3.80 -0.77	3.46 -0.90	4.47 0.61	3.57 -0.54	3.21 -0.48	3.43 -0.04	3.69 0.59	1.93 -0.22	2.43 -0.22	3.62 -0.40	3.60 -0.40	30
31	2.95 -1.13	2.98 -0.94	5.01 1.67	5.01 -0.35	3.90 -0.35	3.73 -0.06	3.73 -0.06	3.66 -0.41	3.66 -0.41	3.77 -0.56	3.77 -0.56	31	
MAXIMUM	3.59	3.84	4.47	5.72	4.72	4.02	4.13	4.92	4.89	4.63	4.32	3.95	MAXIMUM
MINIMUM	-1.31	-1.06	-1.12	-1.33	-1.06	-1.12	-0.79	-0.92	-0.28	-0.86	-0.57	-0.50	MINIMUM

E=Estimated
NR=No Record

CREST STAGES											
DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC T & R M D B & M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF DATUM
			CFS	GAGE HT	DATE			FROM	TO		
37 59 51	121 25 06	NW27 2N 5E	7.1	12/26/55E				JUL 39-DATE	1939 1940	-2.2	1960
								1940	1940	0.00	1960
								1940	1940	3.00	1960
								1940	1940	0.00	1960
								1964	1964	-1.50	1968
								1964	1964	0.00	1968

Station located on Rindge Tract at Fourteenmile Slough near junction with Stockton Ship Channel, 8 mi. NW of Stockton. Station located in tidal zone. Maximum gage ht. listed does not indicate maximum discharge.

TABLE B-12 (CONT)
DAILY MAXIMUM AND MINIMUM TIDES
SAN JOAQUIN RIVER AT VENICE ISLAND

STATION NO	WATER YEAR
B05580	1957

DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	
	in feet													
1	6.10 3.23	6.11 2.08	6.98 2.47	5.40 2.08	7.59 1.48	6.13 2.72	6.26 2.02	5.68 2.54	6.23 2.99	6.77 3.81	6.69 2.59	6.85 2.39	1	
	6.23 3.08	6.25 2.15	7.36 2.71	5.21 1.94	7.48 1.31	6.25 2.49	5.95 2.36	5.80 2.74	6.35 3.36	6.96 3.56	7.10 2.74	6.80 2.40	2	
2	6.31 2.91	6.77 2.23	6.42 3.18	5.20 1.81	7.28 3.08	6.57 2.50	5.85 2.39	5.97 2.95	6.49 3.44	7.07 3.21	7.19 2.65	6.67 2.55	3	
	6.21 2.80	6.37 2.77	6.05 2.64	5.49 2.00	7.15 3.61	6.34 2.36	5.89 2.66	6.11 3.29	6.87 3.53	7.02 2.98	7.10 2.61	6.50 2.58	4	
3	6.39 2.59	6.33 2.40	6.60 3.21	6.25 2.44	7.11 3.36	6.11 2.10	5.80 2.63	6.25 3.29	7.17 3.39	7.47 3.25	7.05 2.58	6.36 2.71	5	
	6.51 2.45	6.07 2.60	6.91 3.27	6.08 2.15	6.90 3.16	5.86 2.01	5.93 2.91	6.14 3.24	6.92 2.97	7.52 3.09	7.94 3.09	6.11 2.67	6	
4	5.98 2.33	5.51 2.41	6.95 3.16	6.19 2.07	6.97 4.56	5.96 2.17	5.93 3.11	6.11 2.92	6.98 2.91	7.49 3.07	6.86 3.00	6.39 2.56	7	
	5.84 1.94	5.78 2.61	6.99 3.46	6.26 2.08	6.72 3.14	6.01 2.37	6.03 3.32	6.26 3.01	7.16 3.01	7.46 3.00	6.74 2.83	6.55 2.96	8	
5	5.01 1.95	5.74 2.60	7.08 3.82	6.31 3.61	6.65 3.01	6.38 2.88	6.10 3.23	6.88 3.21	7.38 3.15	7.27 2.84	6.55 3.02	6.60 2.76	9	
	5.87 2.19	5.97 2.67	7.22 4.12	6.27 2.10	6.35 2.97	6.33 3.47	6.24 3.19	7.03 3.11	7.27 2.99	7.07 2.74	6.37 3.01	6.84 2.62	10	
6	6.47 2.91	6.29 2.65	7.07 3.10	6.32 2.03	5.99 2.89	6.10 3.06	6.56 3.31	6.82 2.88	7.12 2.98	6.59 2.45	6.33 2.88	6.52 2.56	11	
	6.13 2.82	6.44 3.24	7.08 2.89	6.31 2.27	5.83 2.79	6.31 2.81	6.58 3.14	6.67 2.65	7.16 3.18	6.25 2.60	6.48 2.83	6.66 2.22	12	
7	5.56 2.30	6.59 2.52	7.15 2.85	5.05 2.33	6.05 2.91	6.10 3.32	6.43 2.90	6.51 2.44	6.59 2.84	6.36 2.71	6.67 2.64	5.71 2.59	13	
	5.52 2.30	6.69 2.49	6.77 2.94	5.45 2.17	6.33 3.56	5.98 3.04	6.36 2.74	6.26 2.25	6.44 2.93	6.60 2.92	5.18 2.54	6.75 2.73	14	
8	5.97 2.14	6.62 2.49	6.16 2.63	5.02 2.03	5.54 2.85	6.09 2.90	6.40 2.73	6.07 2.19	5.89 3.04	5.26 3.23	6.93 2.59	6.68 2.84	15	
	6.01 2.29	6.42 2.83	5.84 2.26	5.10 1.97	5.56 2.71	6.77 3.58	5.89 2.41	5.92 2.29	6.69 3.30	7.01 3.21	7.21 2.78	6.61 2.88	16	
9	6.05 2.15	6.19 2.36	5.32 2.21	5.14 2.02	5.73 2.56	6.20 2.96	5.94 2.87	5.86 2.49	6.95 3.81	7.44 3.17	6.92 3.17	6.41 2.82	17	
	5.91 2.07	5.64 2.27	5.21 2.05	5.22 2.23	5.93 2.46	6.41 3.27	5.93 2.62	6.03 2.82	7.62 3.96	7.38 2.82	6.82 2.48	6.11 2.73	18	
10	5.95 1.91	5.64 2.13	5.26 1.91	5.44 2.34	6.31 2.46	6.30 3.03	6.13 2.72	6.38 3.01	7.74 3.45	7.26 2.62	6.78 2.69	5.94 2.62	19	
	6.24 2.11	5.97 2.70	5.62 2.26	6.27 2.87	6.09 2.07	6.25 2.85	6.03 2.85	6.64 3.39	7.70 3.30	7.17 2.55	6.85 2.89	6.05 3.09	20	
11	5.35 2.31	5.75 2.68	5.71 2.51	7.50 3.99	6.26 2.13	6.34 2.75	6.46 3.43	6.98 3.38	7.67 3.19	7.20 2.62	6.64 2.69	6.77 3.14	21	
	5.02 1.83	5.72 2.67	5.55 2.38	7.36 3.41	6.38 2.27	6.47 2.89	6.64 3.60	7.18 3.23	7.65 3.13	7.13 2.73	6.36 2.92	6.36 3.43	22	
12	5.08 1.83	5.77 2.72	6.15 2.39	7.55 3.40	6.52 3.56	6.84 3.18	7.54 3.66	7.56 3.41	7.56 3.22	6.88 2.34	6.08 2.58	6.44 2.88	23	
	5.01 1.86	5.81 2.56	6.39 2.42	8.62 5.77	6.74 2.48	6.54 2.99	7.22 3.72	7.77 3.41	7.48 3.17	6.56 3.17	6.03 2.54	6.84 3.02	24	
13	5.29 2.41	5.87 2.41	6.46 2.41	7.83 4.39	6.42 2.76	6.33 3.05	7.31 3.45	7.73 3.41	7.33 3.22	6.16 2.34	6.17 3.25	6.54 3.04	25	
	5.52 2.75	6.04 4.01	6.67 3.70	7.73 3.70	5.86 2.70	6.19 3.21	7.30 3.36	7.66 3.27	8.89 3.10	5.82 2.30	6.21 2.30	6.55 3.06	26	
14	5.70 2.76	6.07 2.89	6.49 3.65	7.48 5.23	5.64 2.97	6.27 3.44	7.46 3.26	7.42 2.83	6.31 2.64	6.00 2.54	6.49 2.98	6.45 2.71	27	
	5.68 2.48	6.38 2.07	6.38 2.07	7.31 3.53	5.78 2.46	6.61 3.24	7.15 3.14	7.11 3.26	6.35 2.87	6.95 2.87	6.55 2.86	5.74 2.51	28	
15	5.54 2.06	6.64 2.46	6.49 1.99	7.10 3.61	6.84 2.85	6.85 3.15	6.43 2.89	6.43 2.89	6.58 3.29	6.25 3.08	6.36 2.45	6.48 2.56	29	
	5.61 2.07	6.66 2.36	6.36 2.22	7.35 3.74	6.48 2.64	6.14 2.56	6.31 3.01	5.18 3.62	6.58 2.90	5.34 2.25	5.34 2.67	6.53 3.0	30	
16	5.87 2.01	5.88 2.20	7.87 4.79	7.87 2.81	6.82 2.81	6.82 2.97	6.61 2.97	5.11 2.74	5.11 2.74	6.69 2.58	6.69 2.58	5.85 31	31	
	MAXIMUM	6.11	6.77	7.30	8.62	7.59	6.84	7.46	7.77	7.74	7.52	7.21	6.85	MAXIMUM
MINIMUM	1.03	2.00	1.94	1.81	2.07	2.01	2.02	2.19	2.83	2.30	2.25	2.22	MINIMUM	

E - Estimated
NR - No Record

CREST STAGES											
DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC T A R M D B & M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		REF. DATUM
			CFS	GAGE HT	DATE			FROM	TO	
38 03 01	121 29 45	NB 2 2N 4E	10.7	12/26/55		OCT 27-DATE		1927		-3.45
								1959	1964	USCGS
								1964	1964	-4.00
									1964	USCGS
									1964	-4.01
									1964	USCGS
									1964	-3.00
										USCGS

Station located on Little Connection Slough on Empire Tract, 0.7 mi. S of Venice Island Ferry. Station located in tidal zone. Maximum gage ht. listed does not indicate maximum discharge.

TABLE 8-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES
MIDDLE RIVER AT BORDEN HIGHWAY

STATION NO B95500	WATER YEAR 1967
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DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	DATE
1	2.93 0.11	2.97 -0.97	3.85 -0.57	2.34 -0.87	4.55 1.41	3.02 -0.29	3.23 -0.67	2.90 0.05	3.41 0.19	3.92 0.97	3.50 -0.64	3.61 -0.64	
2	3.07 -0.11	3.12 -0.91	4.14 -0.32	2.12 -1.01	4.49 1.29	3.16 -0.49	2.93 -0.62	3.01 0.15	3.58 0.66	4.14 0.80	3.91 -0.47	3.55 -0.72	2
3	3.14 -0.24	3.67 -0.86	3.33 0.19	2.06 -1.21	4.30 0.89	3.42 -0.50	2.89 -0.55	3.19 0.32	3.74 0.80	4.26 0.50	3.93 -0.55	3.43 -0.57	3
4	3.08 -0.30	3.27 -0.30	2.67 -0.43	2.34 -1.07	4.18 0.62	3.28 -0.68	2.97 -0.27	3.34 0.61	4.11 0.84	4.23 0.34	3.83 -0.59	3.25 -0.50	4
5	3.26 -0.52	3.25 -0.66	3.46 0.12	3.13 -0.52	4.13 1.75	3.04 -0.91	2.81 -0.31	3.52 0.61	4.37 0.88	4.67 0.60	3.78 -0.63	3.12 -0.41	5
6	3.40 -0.65	2.64 -0.53	3.80 0.31	2.95 -0.85	3.92 0.38	2.76 -1.04	2.92 -0.09	3.40 0.50	4.15 0.30	4.71 0.43	3.75 -0.52	2.86 -0.36	6
7	2.84 -0.78	2.96 -0.55	3.78 0.39	3.07 0.29	3.99 0.22	2.80 -0.93	2.94 0.46	3.40 0.34	4.22 0.27	4.68 0.43	3.54 -0.62	3.12 -0.13	7
8	1.84 -0.15	2.65 -0.38	3.90 0.50	3.14 -0.92	3.73 0.19	2.86 0.33	3.01 0.10	3.54 0.39	4.40 0.42	4.65 0.33	3.42 -0.37	3.28 -0.19	8
9	2.68 -1.13	2.57 -0.43	4.01 0.81	3.20 -0.90	3.67 0.06	3.14 -0.71	3.20 0.34	4.11 0.57	4.62 0.49	4.48 0.15	3.24 -0.16	3.38 -0.39	9
10	2.66 -0.89	2.77 -0.35	4.19 0.32	3.13 -0.91	3.38 0.03	3.03 -0.23	3.37 0.37	4.26 0.51	4.49 0.35	4.27 0.01	3.06 -0.19	3.65 -0.53	10
11	2.75 -0.17	3.10 0.01	4.06 0.18	3.20 -0.91	3.05 -0.06	2.88 -0.12	3.70 0.50	4.06 0.23	4.33 0.23	3.75 -0.32	3.00 -0.35	3.31 -0.58	11
12	2.94 -0.22	3.26 -0.37	4.09 0.01	3.20 -0.71	2.87 -0.15	3.08 -0.28	3.70 0.34	3.89 0.09	4.37 0.43	3.24 -0.20	3.14 -0.42	2.12 -0.7	12
13	2.40 -0.26	3.42 -0.47	4.12 -0.05	2.84 -0.67	3.08 0.01	2.96 0.24	3.57 -0.13	3.72 0.10	3.80 0.22	3.36 -0.25	1.74 -0.60	3.43 -0.53	13
14	2.30 -0.77	3.53 -0.50	3.76 0.03	2.35 -0.84	3.34 0.63	2.83 -0.02	3.51 -0.11	3.42 -0.45	3.36 0.24	2.55 -0.10	3.37 -0.69	3.50 -0.38	14
15	2.75 -0.95	3.42 -0.53	3.16 -0.33	1.93 -1.00	2.55 -0.20	2.96 -0.19	3.54 -0.09	3.24 -0.57	3.62 0.27	3.53 0.17	3.65 -0.62	3.44 -0.29	15
16	2.81 -0.75	3.31 -0.27	2.82 -0.71	2.01 -1.07	2.59 -0.24	3.64 0.54	3.00 -0.42	3.08 -0.49	3.91 0.43	3.92 0.13	3.94 -0.43	3.37 -0.25	16
17	2.86 -0.95	3.09 -0.68	2.30 -0.77	2.02 -1.04	2.76 -0.46	3.21 -0.03	3.00 -0.13	3.04 -0.30	4.11 0.94	4.29 0.10	3.64 -0.69	3.17 -0.29	17
18	2.75 -1.03	2.54 -0.79	2.16 -0.97	2.12 -0.89	2.96 -0.56	3.50 0.29	2.99 -0.28	3.22 -0.02	4.68 1.04	4.28 -0.23	3.53 -0.72	2.93 -0.33	18
19	2.80 -1.18	2.46 -0.93	2.16 -1.07	2.35 -0.72	3.41 -0.52	3.42 0.13	3.20 -0.15	3.55 0.13	4.83 0.64	4.16 -0.36	3.45 -0.54	2.77 -0.28	19
20	3.09 -1.02	2.77 -0.41	2.57 -0.81	3.15 -0.27	3.10 -0.92	3.38 0.09	3.13 0.05	3.83 0.49	4.79 0.53	4.08 -0.44	3.54 -0.30	2.86 -0.05	20
21	2.22 -0.75	2.55 -0.43	2.64 -0.47	4.32 0.90	3.23 -0.84	3.47 -0.05	3.63 0.66	4.12 0.53	4.80 0.45	4.03 -0.44	3.34 -0.42	3.59 -0.02	21
22	1.84 -1.26	2.57 -0.40	2.52 -0.60	4.27 0.36	3.32 0.66	3.63 0.07	3.81 0.77	4.28 0.37	4.80 0.41	3.96 -0.38	3.08 -0.31	3.20 -0.28	22
23	1.91 -1.24	2.61 -0.36	3.09 -0.59	4.39 1.91	3.43 -0.70	3.97 1.33	3.99 0.83	4.62 0.51	4.75 0.31	3.68 -0.47	2.82 -0.35	3.31 -0.15	23
24	1.83 -1.15	2.67 -0.48	3.35 0.54	5.47 0.22	3.65 -0.46	3.59 0.33	4.39 1.01	4.85 0.62	4.67 0.43	3.35 -0.62	2.77 -0.20	3.72 -0.25	24
25	2.13 -0.84	2.71 -0.29	3.43 -0.55	4.75 1.38	3.35 -0.09	3.28 0.05	4.50 0.89	4.89 0.67	4.51 0.44	2.94 -0.75	3.47 -0.02	3.47 -0.14	25
26	2.43 -0.30	2.89 -0.62	3.70 -0.50	4.65 0.70	2.79 -0.27	3.12 0.06	4.53 0.84	4.89 0.56	4.11 0.35	2.52 -0.91	2.96 -0.15	3.43 -0.03	26
27	2.55 -0.23	2.92 -0.74	3.43 -0.53	4.40 0.68	2.55 -0.45	3.17 -0.04	4.73 0.97	4.59 0.54	3.53 0.09	2.75 -0.59	3.30 -0.24	3.34 -0.45	27
28	2.52 -0.33	3.20 -0.82	3.30 -0.84	4.19 0.55	2.67 -0.55	3.49 0.19	4.42 0.68	4.30 0.50	2.83 0.09	2.80 -0.39	3.39 -0.36	2.58 -0.62	28
29	2.37 -0.50	3.53 -0.58	3.39 -0.92	4.02 0.65	3.76 -0.09	4.08 0.65	4.08 0.65	3.60 0.13	3.52 0.48	1.45 -0.20	1.86 -0.76	3.32 -0.56	29
30	2.45 -1.00	3.56 -0.62	3.27 -0.73	4.25 0.74	3.34 -0.41	3.34 0.14	3.49 0.15	3.76 0.25	3.05 0.25	3.18 -0.33	3.34 -0.56	3.47 -0.47	30
31	2.69 -1.05	2.82 -0.76	4.79 1.68	3.71 -0.23	3.71 -0.23	3.78 0.25	3.78 0.25	3.40 0.25	3.40 0.51	3.51 -0.51	3.51 -0.65		31
MAXIMUM	3.40	3.67	4.19	5.47	4.55	3.97	4.73	4.89	4.83	4.71	3.94	3.72	MAXIMUM
MINIMUM	-1.26	-0.97	-1.07	-1.21	-0.92	-1.04	-0.67	-0.57	0.09	-0.91	-0.96	-0.87	MINIMUM

E=Estimated
NR=No Record

CREST STAGES											
DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE

LOCATION		MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE		
LATITUDE	LONGITUDE	OF RECORD		DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
		CFS	GAGE HT			FROM	TO		
37 53 28	121 29 20	NW35	IN 48	7.2	12/26/55	JUL 39-DATE	1939-1943	-4.10 0.00 1943 3.15 1954 -1.59 1964 0.00	SCGS SCGS ED SCGS SCGS

Station located on Victoria Island, below State Highway 4 bridge, 10 mi. Nw of Tracy.
Station located in tidal zone. Maximum gage ht. listed does not indicate maximum discharge.

TABLE B-12 (CONT)
DAILY MAXIMUM AND MINIMUM TIDES
OLD RIVER NEAR TRACY ROAD BRIDGE

STATION NO	WATER YEAR
B95380	1957

DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	DATE
1	6.00 3.08	6.13 2.17	7.05 2.63	5.73 2.58	6.09 4.77	6.43 3.05	6.60 2.93	7.58 6.22	7.59 5.91	7.82 6.14	6.65 2.43	6.78 2.53	1
2	6.19 2.99	6.28 2.10	7.37 2.86	5.52 2.41	8.03 4.73	6.56 2.96	6.30 3.15	7.56 6.18	7.77 6.33	8.00 6.11	7.08 2.62	6.77 2.46	2
3	6.26 2.79	6.86 2.28	6.61 3.33	5.42 2.06	7.80 4.80	6.68 2.69	6.33 3.33	7.62 6.72	7.99 6.53	8.15 6.03	7.07 2.56	6.66 2.64	3
4	NR 2.76	6.48 2.80	5.84 2.73	5.67 2.12	7.68 4.41	6.61 2.76	6.44 4.52	7.57 6.16	8.27 6.08	8.13 6.00	6.97 2.54	6.48 2.67	4
5	NR 2.49	5.66 3.15	6.49 2.85	7.62 4.22	6.35 3.98	6.24 3.59	7.75 6.26	8.36 6.11	8.53 6.10	6.93 2.51	6.33 2.71	5	
6	NR 2.60	6.46 3.45	7.09 2.75	6.31 4.02	7.40 2.52	6.07 3.43	6.39 6.13	7.58 5.76	8.02 5.76	8.48 5.85	6.89 2.62	6.07 2.75	6
7	NR 2.61	6.22 3.53	7.16 2.45	6.42 3.87	7.46 2.28	6.11 3.52	6.39 5.93	7.53 5.98	8.13 5.98	8.43 5.78	6.68 2.51	6.29 2.91	7
8	NR 2.78	5.89 3.82	7.38 2.42	6.49 3.76	7.22 2.38	6.16 3.78	6.55 5.86	7.58 6.19	8.40 5.54	8.43 5.25	6.57 2.90	6.46 2.71	8
9	NR 2.72	5.92 3.91	7.49 2.43	6.53 3.77	7.16 2.60	6.39 4.25	6.78 5.95	8.05 6.09	8.54 6.09	8.18 5.25	6.39 2.90	6.56 2.75	9
10	NR 2.80	6.00 3.85	7.70 2.43	6.46 3.76	6.86 2.99	6.23 4.63	6.97 5.81	8.11 5.85	8.35 5.85	7.91 4.91	6.16 2.85	5.34 2.65	10
11	NR 2.81	6.32 3.81	7.57 2.42	6.54 3.68	6.54 3.08	6.13 4.78	7.29 5.67	7.91 5.85	8.19 4.84	7.35 4.48	5.42 2.66	6.87 2.61	11
12	NR 2.80	6.46 3.74	7.59 2.59	6.52 3.57	6.35 2.94	6.38 4.69	7.35 5.70	7.85 6.06	8.28 4.39	7.01 6.06	6.10 2.63	6.46 2.32	12
13	NR 2.72	6.63 3.65	7.61 2.60	6.15 3.62	6.40 3.43	6.25 4.50	7.19 5.62	7.73 5.62	7.91 6.01	6.80 4.07	6.26 2.47	5.59 2.62	13
14	5.44 2.33	6.73 2.69	7.21 3.63	5.67 2.43	6.78 4.09	6.13 3.23	7.07 4.37	7.40 5.15	7.69 6.03	6.84 3.86	6.51 2.40	6.73 2.74	14
15	5.89 2.17	6.56 2.60	6.59 3.24	5.25 2.23	5.96 3.25	6.31 3.15	7.12 4.39	7.05 4.77	7.76 5.70	6.96 3.90	6.79 2.43	6.64 2.63	15
16	5.97 2.81	6.54 2.84	6.24 2.13	5.31 3.19	6.00 3.72	6.04 4.04	6.55 4.75	6.85 5.30	7.74 3.71	7.32 2.61	7.07 2.90	6.54 2.90	16
17	6.02 2.20	6.33 2.48	5.70 2.73	5.32 2.13	6.13 2.99	6.62 3.65	6.47 4.03	6.83 4.88	7.78 5.41	7.65 3.64	6.75 2.38	6.35 2.88	17
18	5.91 2.10	5.76 2.41	5.57 2.50	5.41 2.19	6.31 2.92	6.96 4.20	6.53 3.91	6.99 5.04	8.29 5.46	7.68 3.48	6.62 2.35	6.17 2.95	18
19	5.98 1.95	5.72 2.21	5.56 2.35	5.53 2.40	6.79 4.61	6.94 4.36	6.73 4.08	7.29 5.04	8.44 5.30	7.56 3.16	6.55 2.53	6.03 2.95	19
20	6.25 2.12	5.95 2.65	5.98 2.54	6.38 2.82	6.47 2.99	6.96 4.51	6.70 5.06	7.52 5.34	8.47 5.41	7.45 3.34	6.63 2.77	6.12 3.04	20
21	5.34 2.34	5.77 2.64	6.05 2.81	7.51 4.29	6.64 2.66	7.09 5.66	7.31 4.53	7.76 5.14	8.53 5.56	7.40 3.19	6.46 2.64	6.04 3.10	21
22	5.40 1.91	5.77 2.61	5.93 2.63	7.60 3.98	6.72 2.75	7.25 4.85	7.40 5.10	7.91 4.97	8.47 5.60	7.25 3.09	6.19 2.70	6.46 3.35	22
23	5.10 1.93	5.91 2.61	6.50 2.80	7.75 2.93	6.85 4.53	7.56 5.22	7.67 5.10	8.25 5.10	8.45 5.48	6.97 2.97	5.94 2.99	6.55 2.99	23
24	5.05 1.93	5.89 2.61	6.77 2.88	8.86 3.47	7.08 3.13	7.12 4.52	8.12 5.66	8.49 5.32	8.35 5.46	6.57 2.75	5.94 2.63	6.91 2.79	24
25	5.33 2.22	5.95 2.69	6.82 2.95	8.19 4.69	6.75 3.47	6.73 4.02	8.24 5.57	8.57 5.68	8.20 5.50	6.97 2.48	6.14 2.2	6.37 3.00	25
26	5.62 2.74	6.05 2.51	7.11 2.90	8.12 4.11	6.19 3.29	6.59 3.79	8.43 6.25	8.65 5.93	7.87 5.59	5.70 2.32	6.08 2.83	5.55 2.62	26
27	5.70 2.71	6.10 2.42	6.82 2.95	7.85 4.11	5.96 3.05	6.62 3.55	8.78 6.71	8.44 6.04	7.43 5.58	5.75 2.49	5.03 2.75	5.79 2.75	27
28	5.70 2.71	6.31 2.35	6.68 2.67	7.67 3.99	6.07 2.99	6.93 3.68	8.60 6.59	8.20 5.91	7.28 5.64	5.96 2.60	6.45 2.45	6.52 2.47	28
29	5.56 2.47	6.74 2.54	6.77 2.60	7.53 4.13	7.18 3.15	8.42 6.64	7.60 5.69	7.52 5.58	7.22 5.22	5.98 2.70	6.52 2.25	6.52 2.2	29
30	5.62 2.12	6.76 2.55	6.64 2.70	7.72 4.22	6.67 3.12	7.96 6.43	7.51 5.75	7.75 5.98	6.21 5.21	6.35 2.07	5.54 2.76	6.35 2.76	30
31	5.06 2.06	6.22 2.65	6.28 4.98	7.08 3.25	7.08 3.25	7.82 5.85	7.82 5.85	7.82 5.85	6.57 5.57	6.68 2.44	6.68 2.44	5.51 31	
MAXIMUM	NR	6.86	7.70	8.86	8.09	7.56	8.78	7.65	8.54	7.53	7.08	1	MAXIMUM
MINIMUM	1.73R	2.17	2.35	2.08	2.66	2.28	2.93	4.75	5.30	2.32	2.07	2.32	MINIMUM

E - Estimated
NR - No Record

CREST STAGES											
DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE

LOCATION	MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			REF. DATUM	
	LATITUDE	LONGITUDE	1/4 SEC T & R M D B & M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY		
				CFS	GAGE HT	DATE				
57 48 N 121 26 W SW32 1S 5E	13.2	12/29/55					0/51-12/54 8 2/55-DATE 8 1964	1958	1964	U-003 U-003 U-003
Station located 50 ft. above Tracy Road bridge, 3.5 mi. N of Tracy. Station located in tidal zone.										
Maximum gage ht. listed does not indicate maximum discharge.										
8 - Irrigation season only										

TABLE 8-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES
OLD RIVER AT CLIFTON COURT FERRY

STATION NO B95340	WATER YEAR 1967
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DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	DATE	
1	5.79E 3.00E	5.95 1.98	6.89 2.45	5.43 2.23	7.73 4.45	6.11 2.65	6.32 2.34	6.17 3.70	6.60 3.61	7.04 4.34	6.44 2.21	6.55 2.28	1	
2	6.00E 2.84E	6.10 2.03	7.16 2.68	5.23 2.07	7.68 4.36	6.25 2.55	6.05 2.42	6.25 3.69	6.77 4.08	7.28 4.20	6.85 2.39	6.53 2.19	2	
3	6.06E 2.73E	6.67 2.13	6.39 3.17	5.11 1.79	7.48 3.96	6.43 2.48	6.04 2.54	6.44 3.82	6.93 4.24	7.42 3.95	6.84 3.95	6.39 2.34	3	
4	6.03 2.68E	6.28 2.67	5.71 2.57	5.37 1.91	7.36 4.66	6.36 2.32	6.11 2.80	6.55 4.04	7.29 4.22	7.38 3.81	6.73 2.25	6.22 2.40	4	
5	6.17 2.45	6.24 2.32	6.51 3.07	6.19 2.46	7.31 3.72	6.10 2.09	5.92 2.75	6.72 4.05	7.53 4.09	7.83 4.05	6.69 2.21	6.08 2.45	5	
6	6.31 2.28	5.67 2.46	6.84 3.31	6.01 2.82	7.09 3.48	5.80 1.86	6.06 3.60	6.60 4.11	7.32 3.69	7.88 3.86	6.65 2.29	5.81 2.54	6	
7	5.80 2.15	5.99 2.43	6.86 3.40	6.12 2.15	7.16 3.33	5.84 3.33	6.06 2.90	6.61 3.84	7.39 3.71	7.84 3.85	6.44 2.22	6.02 2.71	7	
8	4.81 1.77	5.66 2.61	7.03 3.58	6.19 2.11	6.90 3.31	5.88 1.98	6.18 3.12	6.74 3.82	7.59 3.88	7.86 3.68	6.32 2.47	6.20 2.70	8	
9	5.61 1.79	5.58 2.57	7.14 3.56	6.24 2.12	6.85 3.19	6.12 2.23	6.37 3.36	7.32 4.01	7.78 3.80	7.65 3.54	6.14 2.67	6.32 2.52	9	
10	5.59 2.03	5.77 2.68	7.33 3.40	6.18 2.13	6.55 3.17	5.98 2.69	6.54 3.59	7.44 3.91	7.66 3.73	7.44 3.36	5.91 2.65	6.61 2.38	10	
11	6.14 2.75	6.10 2.63	7.22 3.28	6.26 2.11	6.22 3.08	5.86 2.80	6.88 3.74	7.24 3.64	7.47 3.53	6.92 3.00	5.84 2.48	5.23 2.35	11	
12	5.83 2.72	6.25 2.63	7.25 3.15	6.25 2.31	6.03 2.97	6.11 2.67	6.92 3.54	7.10 3.59	7.48 3.79	6.58 3.07	4.72 2.44	6.23 2.04	12	
13	5.37 2.71	6.41 2.53	7.27 3.08	5.89 2.34	6.15 3.10	5.99 3.16	6.75 3.33	6.88 3.34	6.99 3.64	6.11 2.83	6.00 2.26	6.36 2.38	13	
14	5.23 2.16	6.51 2.50	6.90 3.12	5.40 2.17	6.46 3.68	5.86 2.98	6.66 3.12	6.58 2.98	6.64 3.68	6.48 2.94	6.26 2.17	6.49 2.52	14	
15	5.70 1.97	6.43 2.48	6.30 2.76	4.98 2.00	5.65 2.84	6.02 2.84	6.68 3.21	6.38 2.80	6.79 3.63	6.63 3.18	6.57 2.22	6.39 2.61	15	
16	5.76 2.16	6.32 2.66	5.95 2.37	5.04 1.90	5.72 2.60	6.75 3.51	6.11 2.87	6.21 2.85	7.07 3.69	7.01 3.12	6.85 2.42	6.29 2.63	16	
17	5.81 1.96	6.10 2.28	5.41 2.29	5.06 1.95	5.88 2.57	6.34 3.05	6.10 3.02	6.18 3.03	7.28 4.15	7.34 4.15	6.53 3.07	6.09 2.16	17	
18	5.71 1.87	5.53 2.21	5.27 2.08	5.16 2.07	6.07 2.49	6.63 3.41	6.11 2.91	6.37 3.21	7.82 4.17	7.36 2.76	6.41 2.13	5.91 2.62	18	
19	5.78 1.72	5.49 2.06	5.26 1.97	5.39 2.24	6.54 2.49	5.56 3.35	6.37 3.04	6.72 3.36	8.00 3.87	7.25 2.71	6.34 2.31	5.76 2.65	19	
20	6.07 1.93	5.73 2.56	5.68 2.21	6.18 2.71	6.21 4.12	6.52 3.29	6.31 3.31	7.00 3.68	7.98 3.81	7.15 2.62	6.42 2.54	5.86 2.82	20	
21	5.10 2.17	5.53 2.54	5.75 2.53	7.35 3.84	6.36 2.12	6.61 3.03	6.81 3.92	7.30 3.73	8.01 3.77	7.10 2.55	6.23 2.43	6.59 2.89	21	
22	5.18 1.67	5.56 2.55	5.65 2.43	7.33 4.86	6.42 2.21	6.79 4.56	7.01 4.28	7.45 3.54	7.95 3.73	6.96 2.50	5.97 2.53	6.20 3.19	22	
23	4.86 1.68	5.60 2.59	6.20 3.27	7.50 3.35	6.54 2.35	7.11 3.25	7.19 4.00	7.80 3.70	7.93 3.65	6.68 2.44	5.71 2.50	6.32 2.79	23	
24	4.81 1.78	5.66 2.76	6.47 2.48	8.56 3.32	6.76 2.58	6.73 3.45	7.59 4.38	8.00 3.76	7.83 3.75	6.30 2.23	5.62 2.64	6.68 2.65	24	
25	5.12 2.08	5.71 2.48	6.53 2.56	7.88 4.40	6.45 2.95	6.30 3.12	6.69 4.25	8.07 3.93	7.68 3.69	5.89 2.11	5.77 2.81	6.47 2.84	25	
26	5.41 2.62	5.87 2.36	6.80 2.60	7.78 3.76	5.88 2.77	6.24 3.03	7.74 4.33	8.01 3.88	7.27 3.68	5.43 1.95	5.85 2.72	6.43 2.43	26	
27	5.53 2.65	5.90 2.25	6.52 2.54	7.52 3.73	5.63 2.57	6.27 2.95	7.95 4.49	7.76 3.82	6.69 3.48	5.11 2.27	6.23 2.64	5.57 2.46	27	
28	5.51 2.60	6.20 2.17	6.38 2.23	7.35 3.60	5.75 2.45	6.57 3.16	7.64 4.29	7.43 3.82	6.01 3.47	5.71 3.47	4.93 2.46	6.33 2.28	28	
29	5.36 2.33	6.54 2.39	6.47 2.15	7.19 3.73	6.84 2.89	7.30 4.24	6.73 3.43	6.67 3.83	5.74 3.83	5.74 2.65	6.32 2.11	6.28 2.35	29	
30	5.43 1.95	6.57 2.36	6.36 2.32	7.40 3.81	6.42 2.61	6.63 3.63	6.60 3.48	6.91 4.13	5.90 4.13	6.15 2.53	6.28 1.90	6.41 2.41	30	
31				5.92 1.89	7.92 4.70	6.77 2.77		6.92 3.62		6.34 2.34	6.46 2.23		31	
MAXIMUM		6.31	6.67	7.33	8.56	7.73	7.11	7.95	8.07	8.01	7.88	6.85	6.69	MAXIMUM
MINIMUM		1.67	1.98	1.97	1.79	2.12	1.86	2.34	2.80	3.47	1.95	1.90	2.04	MINIMUM

E-Estimated
NR-No Record

CREST STAGES											
DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			OATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC T & R M D B & M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF OATUM
			CFS	GAGE HT	DATE			FROM	TO		
37 49 28	121 33 05	SS20 17 4E	3.7	1	12 26/55			1946	1952	-2.25	.00
								1952	1964	-2.12	1.00
								1964	1964	-2.55	1.00
								1964	1964	-3.00	1.00

Station located approx. 2 mi. ft. below junction with Grant Line Canal. Station located in tidal zone.
Maximum gage ht. listed does not indicate maximum discharge.

TABLE 8-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES
ITALIAN SLOUGH NEAR BYRON

STATION NO.		WATER YEAR
89520		1967

DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	DATE		
in feet															
1	2.87	2.99	3.89	2.40	4.65	3.09	3.28	2.99	3.51	3.95	3.52	3.61	-0.67	1	
	0.00	-0.99	-0.54	-0.83	1.42	-0.31	-0.68	0.29	0.32	1.09	-0.71	-0.67	-0.67		
2	3.08	3.24	4.18E	2.20	4.59	3.21	2.99	3.09	3.65	4.21	3.94	3.59	-0.53	-0.77	2
	-0.16	-0.95	-0.30	-0.98	1.34	-0.47	-0.61	0.35	0.77	0.93	-0.53	-0.53	-0.77	-0.77	
3	3.14	3.68	3.37E	2.12	4.40	3.40	2.98	3.28	3.82	4.35	3.96	3.46	-0.62	-0.62	3
	-0.27	-0.85	0.17E	-1.22	0.92	-0.50	-0.53	0.46	0.93	0.65	-0.62	-0.62	-0.56	-0.56	
4	3.09	3.30	2.71E	2.39	4.27	3.34	2.68	3.40	4.19	4.29	3.86	3.28	-0.68	-0.56	4
	-0.32	-0.32	-0.41E	-1.08	0.67	-0.68	-0.26	0.70	0.93	0.48	-0.68	-0.56	-0.56	-0.56	
5	3.28	3.25	3.50E	3.19	4.23	3.08	2.86	3.58	4.44	4.76	3.81	3.15	-0.51	-0.51	5
	-0.55	-0.67	0.10E	-0.55	1.76	-0.90	-0.30	0.75	0.78	0.73	-0.72	-0.51	-0.51	-0.51	
6	3.37	2.69	3.84E	3.01	4.00	2.80	2.98	3.47	4.25	4.81	3.78	2.89	-0.65	-0.41	6
	-0.70	-0.52	0.29E	-0.86	0.43	-1.08	0.59	0.61	0.40	0.53	-0.65	-0.41	-0.41	-0.41	
7	2.86	3.00	3.82E	3.12	4.07	2.84	2.99	3.46	4.30	4.78	3.57	3.09	-0.26	-0.26	7
	-0.83	-0.57	0.37E	0.16	0.27	0.38	-0.09	0.50	0.38	0.52	-0.71	-0.26	-0.26	-0.26	
8	1.87	2.67	3.94E	3.19	3.82	2.89	3.14	3.62	4.49	4.75	3.45	3.27	-0.46	-0.29	8
	-1.20	-0.39	0.48E	-0.91	0.24	-0.96	0.09	0.49	0.49	0.35	-0.46	-0.29	-0.29	-0.29	
9	2.70	2.62	4.05E	3.28	3.75	3.11	3.26	4.20	4.68	4.59	3.27	3.37	-0.25	-0.14	9
	-1.17	-0.44	0.79E	-0.90	0.11	-0.72	0.29	0.69	0.41	0.25	-0.25	-0.14	-0.14	-0.14	
10	2.69	2.81	4.23E	3.18	3.45	3.02	3.46	4.34	4.58	4.37	3.06	3.67	-0.27	-0.58	10
	-0.54	-0.32	0.30E	-0.90	0.09	-0.25	0.43	0.59	0.41	0.12	-0.27	-0.58	-0.58	-0.58	
11	3.24	3.15	4.10E	3.26	3.14	2.91	3.80	4.16	4.40	3.85	3.00	2.24	-0.44	-0.61	11
	-0.21	-0.37	0.16E	-0.91	0.00	-0.14	0.59	0.30	0.21	-0.22	-0.44	-0.61	-0.61	-0.61	
12	2.92	3.25	4.13E	3.25	2.95	3.12	3.77	4.01	4.37	3.51	1.85	3.31	-0.50	-0.92	12
	-0.25	-0.38	-0.01E	-0.69	-0.10	-0.29	0.35	0.23	0.41	-0.14	-0.50	-0.92	-0.92	-0.92	
13	2.40	3.43	4.16E	2.89	3.04	2.99	3.64	3.77	3.89	3.05	3.14	3.43	-0.59	-0.59	13
	-0.27	-0.47	-0.07E	-0.67	0.05	0.16	0.15	0.02	0.30	-0.28	-0.67	-0.59	-0.59	-0.59	
14	2.33	3.53	3.80E	2.41	3.37	2.87	3.58	3.48	3.43	3.43	3.38	3.55	-0.76	-0.44	14
	-0.32	-0.51	0.01E	-0.84	0.65	-0.01	-0.05	-0.30	0.35	-0.12	-0.76	-0.44	-0.44	-0.44	
15	2.77	3.46	3.20E	1.99	2.50	3.01	3.61	3.32	3.70	3.60	3.68	3.46	-0.71	-0.34	15
	-1.01	-0.52	-0.31E	-1.00	-0.18	-0.14	0.00	-0.45	0.33	0.17	-0.71	-0.34	-0.34	-0.34	
16	2.83	3.34	2.86E	2.05	2.67	3.73	3.05	3.14	4.00	3.99	3.98	3.37	-0.34	-0.34	16
	-0.82	-0.31	-0.69E	-1.08	-0.21	0.50	-0.33	-0.39	0.47	0.12	-0.50	-0.34	-0.34	-0.34	
17	2.88	3.10	2.34E	2.08	2.82	3.27	3.05	3.10	4.21	4.34	3.66	3.17	-0.77	-0.37	17
	-0.99	-0.70	-0.75E	-1.04	-0.44	0.00	-0.10	-0.20	0.98	0.07	-0.77	-0.37	-0.37	-0.37	
18	2.77	2.58	2.20E	2.18	3.02	3.55	3.06	3.31	4.77	4.33	3.55	2.94	-0.24	-0.35	18
	-1.08	-0.79	-0.95E	-0.90	-0.53	0.35	-0.21	0.02	1.03	-0.24	-0.79	-0.35	-0.35	-0.35	
19	2.83	2.51	2.20E	2.40	3.47	3.48	3.28	3.64	4.89	4.24	3.48	2.81	-0.61	-0.32	19
	-1.24	-0.93	-1.09E	-0.74	-0.50	0.24	-0.08	0.19	0.68	-0.34	-0.61	-0.32	-0.32	-0.32	
20	3.13	2.75	2.62	3.18	3.15	3.43	3.24	3.93	4.88	4.14	3.56	2.89	-0.43	-0.12	20
	-1.06	-0.41	-0.83E	-0.21	-0.89	0.22	0.14	0.52	0.58	-0.43	-0.39	-0.12	-0.12	-0.12	
21	2.14	2.56	2.70	4.37	3.29	3.55	3.73	4.21	4.92	4.10	3.36	3.62	-0.49	-0.07	21
	-0.80	-0.43	-0.43	0.66	0.90	-0.03	0.74	0.58	0.54	-0.45	-0.49	-0.07	-0.07	-0.07	
22	2.22	2.60	2.61	4.33	3.37	3.71	3.90	4.38	4.88	4.01	3.10	3.22	-0.39	-0.24	22
	-1.30	-0.42	-0.61	1.82	-0.81	0.14	1.10	0.39	0.45	-0.50	-0.39	-0.24	-0.24	-0.24	
23	1.92	2.64	3.16	4.46	3.50	4.03	4.11	4.73	4.87	3.73	2.83	3.32	-0.44	-0.20	23
	-1.28	-0.37	-0.59	0.34	-0.68	1.29	0.83	0.54	0.40	-0.55	-0.44	-0.20	-0.20	-0.20	
24	1.86	2.69	3.42	5.51	3.73	3.66	4.49	4.91	4.74	3.38	2.79	3.75	-0.28	-0.30	24
	-1.19	-0.21	0.55	0.33	-0.46	0.34	1.09	0.58	0.52	-0.71	-0.28	-0.30	-0.30	-0.30	
25	2.17	2.74	3.50	4.83	3.41	3.32	4.60	5.00	4.61	2.97	2.89	3.48	-0.07	-0.12	25
	-0.89	-0.49	-0.51	1.39	-0.09	0.03	0.97	0.68	0.46	-0.81	-0.07	-0.12	-0.12	-0.12	
26	2.45	2.90	3.76	4.73	2.85	3.19	4.62	4.90	4.29	2.55	2.95	3.45	-0.98	-0.52	26
	-0.38	-0.62	-0.49	0.71	-0.26	0.03	0.98	0.58	0.41	-0.98	-0.52	-0.52	-0.52	-0.52	
27	2.58	2.93	3.50	4.47	2.61	3.24	4.84	4.67	3.60	2.79	3.32	2.57	-0.48	-0.48	27
	-0.32	-0.74	-0.51	0.69	-0.44	-0.06	1.08	0.45	0.22	-0.66	-0.31	-0.48	-0.48	-0.48	
28	2.55	3.28	3.36	4.30	2.75	3.53	4.50	4.35	2.92	1.67	1.98	3.34	-0.43	-0.68	28
	-0.36	-0.82	-0.83	0.56	-0.56	0.15	0.86	0.51	0.21	-0.46	-0.43	-0.68	-0.68	-0.68	
29	2.41	3.53	3.45	4.11	3.81	4.12	3.63	3.59	2.82	3.39	3.32	3.32	-0.83	-0.60	29
	-0.64	-0.59	-0.90	0.67	-0.14	0.82	0.17	0.57	0.57	-0.26	-0.83	-0.60	-0.60	-0.60	
30	2.48	3.56	3.33	4.31	3.40	3.43	3.51	3.83	3.83	3.05	3.20	3.31	-0.57	-0.57	30
	-1.02	-0.62	-0.71	0.77	-0.40	0.38	0.39	0.86	0.86	-0.39	-1.02	-0.57	-0.57	-0.57	
31	2.72	2.89	4.85	1.68	3.74	3.74	3.82	3.41	3.41	3.53	3.75	3.75	-0.70	-0.70	31
	-1.09	-0.75	-0.75	1.68	-0.25	0.25	0.34	0.58	0.58	-0.58	-0.70	-0.70	-0.70	-0.70	
MAXIMUM	3.37	3.68	4.23E	5.51	4.65	4.03	4.84	5.00	4.98	4.81	3.98	3.75	-0.92	-0.92	MAXIMUM
MINIMUM	-1.30	-0.99	-1.09E	-1.22	-0.89	-1.08	-0.68	-0.45	0.21	-0.98	-1.02	-0.92	-0.92	-0.92	MINIMUM

E-Estimated
NR-No Record

CREST STAGES					
DATE	TIME	STAGE	DATE	TIME	STAGE

LOCATION	MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC T & R M D B & M	OF RECORD		DISCHARGE	GAGE HEIGHT ONLY	PERIOD FROM TO	ZERO ON GAGE	REF DATUM
CFS	GAGE HT	DATE							

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TABLE 8-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES
OLD RIVER NEAR BYRON

STATION NO.	WATER YEAR
BS5270	1967

in feet

DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	DATE
1	2.85 0.09	2.97 -0.92	3.87 -0.44	2.34 -0.72	4.55 1.44	3.03 -0.25	3.22 -0.45	2.90 0.05	3.41 0.20	3.90 0.99	3.52 -0.61	3.62 -0.61	1
2	3.04 -0.06	3.12 -0.88	4.15 -0.23	2.14 -0.83	4.48 1.31	3.15 -0.45	2.93 -0.35	3.01 0.16	3.57 0.64	4.14 0.81	3.93 -0.43	3.57 -0.70	2
3	3.11 -0.18	3.67 -0.82	3.34 0.23	2.07 -1.06	4.30 0.93	3.41 -0.47	2.89 -0.22	3.18 0.31	3.72 0.79	4.25 0.52	3.96 -0.52	3.44 -0.55	3
4	3.06 -0.24	3.27 -0.27	2.74 -0.32	2.35 -0.95	4.18 0.65	3.29 -0.64	2.95 -0.10	3.33 0.58	4.09 0.82	4.21 0.34	3.86 -0.56	3.27 -0.49	4
5	3.27 -0.48	3.23 -0.61	3.47 0.15	3.14 -0.42	4.13 0.42	3.03 -0.87	2.77 -0.22	3.49 0.61	4.36 0.66	4.66 0.60	3.81 -0.60	3.14 -0.40	5
6	3.38 -0.61	2.67 -0.47	3.79 0.32	2.96 -0.71	3.91 1.60	2.76 -1.00	2.91 -0.04	3.28 0.50	4.14 0.28	4.69 0.43	3.78 -0.49	2.88 -0.33	6
7	2.85 -0.75	2.97 -0.51	3.79 0.41	3.07 0.21	3.99 0.25	2.81 -0.89	2.90 0.49	3.38 0.35	4.20 0.28	4.67 0.42	3.57 -0.60	3.10 -0.14	7
8	1.84 -1.12	2.65 -0.35	3.89 0.53	3.14 -0.74	3.73 0.24	2.85 0.35	3.00 0.13	3.52 0.37	4.38 0.39	4.62 0.30	3.46 -0.34	3.28 -0.18	8
9	2.69 -1.10	2.58 -0.39	4.01 0.83	3.20 -0.75	3.66 0.10	3.12 -0.67	3.16 0.33	4.08 0.54	4.59 0.38	4.45 0.16	3.28 -0.14	3.39 -0.36	9
10	2.68 -0.86	2.78 -0.31	4.17 0.35	3.14 -0.74	3.38 0.07	3.03 -0.18	3.35 0.39	4.23 0.48	4.48 0.32	4.24 0.04	3.07 -0.16	3.65 -0.51	10
11	3.23 -0.14	3.11 0.04	4.05 0.22	3.22 -0.73	3.05 0.02	2.89 -0.06	3.68 0.52	4.02 0.18	4.31 0.16	3.75 -0.24	3.02 -0.33	3.32 -0.54	11
12	2.93 -0.19	3.26 -0.31	4.08 0.06	3.20 -0.57	2.87 -0.07	3.08 -0.23	3.67 0.34	3.87 0.08	4.32 0.33	3.40 -0.16	3.16 -0.39	2.12 -0.87	12
13	2.40 -0.26	3.42 -0.42	4.11 0.02	2.85 -0.52	3.03 0.04	2.96 0.23	3.54 0.10	3.69 -0.11	3.79 0.18	3.35 -0.24	1.75 -0.58	3.43 -0.52	13
14	2.30 -0.74	3.53 -0.44	3.76 0.05	2.36 -0.67	3.31 0.65	2.83 0.02	3.49 -0.09	3.41 -0.40	3.36 0.23	2.55 -0.06	3.39 -0.66	3.53 -0.37	14
15	2.75 -0.90	3.46 -0.47	3.16 -0.20	1.94 -0.81	2.53 -0.13	2.97 -0.12	3.53 -0.07	3.23 -0.54	3.61 0.26	3.52 0.19	3.68 -0.60	3.46 -0.28	15
16	2.81 -0.72	3.31 -0.23	2.83 -0.56	2.00 -0.90	2.60 -0.16	3.66 0.53	2.99 -0.39	3.07 -0.47	3.90 0.43	3.92 0.16	3.98 -0.41	3.37 -0.25	16
17	2.86 -0.89	3.09 -0.63	2.30 -0.63	2.03 -0.87	2.76 -0.39	3.20 -0.02	3.00 -0.13	3.02 -0.29	4.09 0.93	4.31 0.13	3.66 -0.66	3.18 -0.29	17
18	2.75 -1.00	2.54 -0.73	2.17 -0.79	2.13 -0.74	2.96 -0.47	3.48 0.31	3.01 -0.25	3.21 -0.03	4.66 1.04	4.28 -0.16	3.55 -0.70	2.93 -0.31	18
19	2.81 -1.15	2.47 -0.88	2.16 -0.93	2.36 -0.61	3.40 -0.42	3.41 0.16	3.19 -0.12	3.54 0.13	4.80 0.64	4.17 -0.31	3.49 -0.51	2.78 -0.26	19
20	3.10 -0.99	2.71 -0.34	2.57 -0.70	3.16 -0.11	3.09 -0.79	3.37 0.13	3.13 0.07	3.81 0.48	4.77 0.53	4.08 -0.40	3.57 -0.29	2.86 -0.03	20
21	2.22 -0.72	2.54 -0.36	2.66 -0.39	4.34 0.90	3.23 0.92	3.46 -0.03	3.60 0.67	4.10 0.54	4.78 0.45	4.05 -0.36	3.37 -0.39	3.59 0.00	21
22	1.84 -1.23	2.58 -0.36	2.54 -0.51	4.28 0.38	3.32 -0.72	3.61 0.08	3.60 0.77	4.26 0.37	4.78 0.41	3.97 -0.36	3.11 -0.29	3.20 0.30	22
23	1.91 -1.22	2.62 -0.31	3.09 -0.49	4.41 1.94	3.43 -0.60	3.91 1.31	3.98 0.84	4.60 0.52	4.73 0.32	3.70 0.43	2.85 -0.33	3.31 -0.12	23
24	1.84 -1.12	2.67 -0.42	3.36 0.58	5.46 0.41	3.65 -0.38	3.56 0.34	4.36 0.99	4.82 0.57	4.65 0.44	3.36 -0.55	2.80 -0.18	3.72 -0.22	24
25	2.13 -0.82	2.72 -0.05	3.44 -0.42	4.75 1.40	3.34 -0.04	3.24 0.06	4.48 0.86	4.88 0.65	4.50 0.43	2.96 -0.65	2.93 -0.01	3.47 -0.10	25
26	2.42 -0.30	2.89 -0.54	3.69 -0.38	4.65 0.73	2.79 -0.21	3.11 0.08	4.49 0.83	4.84 0.52	4.10 0.35	2.54 -0.73	2.97 -0.13	3.14 -0.45	26
27	2.56 -0.21	2.92 -0.64	3.43 -0.40	4.39 0.70	2.56 -0.38	3.16 0.00	4.71 0.90	4.57 0.46	3.52 0.11	2.78 -0.56	3.32 -0.22	3.35 -0.42	27
28	2.53 -0.30	3.26 -0.72	3.30 -0.68	4.20 0.57	2.68 -0.51	3.46 0.21	4.40 0.64	4.27 0.45	2.82 0.10	2.82 -0.37	3.39 -0.34	2.59 -0.66	28
29	2.38 -0.57	3.53 -0.49	3.40 -0.77	4.03 0.66	3.74 -0.07	4.05 0.61	3.57 0.10	3.51 0.48	1.46 -0.17	1.87 -0.74	3.33 -0.54	2.99	29
30	2.46 -0.96	3.56 -0.53	3.27 -0.58	4.26 0.77	3.35 -0.31	3.33 0.14	3.45 0.24	3.75 0.78	3.06 -0.30	3.19 -0.93	3.32 -0.46	30	30
31	2.69 -1.02	2.83 -0.62	4.78 1.70	3.70 -0.17	3.73 0.24	3.73 0.24	3.73 0.24	3.73 0.24	3.41 -0.49	3.53 -0.61	3.53 -0.61	31	31
MAXIMUM	3.38	3.67	4.17	5.46	4.55	3.91	4.71	4.88	4.80	4.69	3.98	3.72	MAXIMUM
MINIMUM	-1.23	-0.92	-0.93	-1.06	-0.79	-1.00	-0.45	-0.54	0.10	-0.73	-0.93	-0.67	MINIMUM

E-Estimated
NR-No Record

CREST STAGES											
DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC T. & R. M.O.B.A.M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF DATUM
			CFS	GAGE NT.	DATE			FROM	TO		
37 53 28	121 34 04	NE31 IN	5.51	12	27/64			MAY 63-DATE		1964	1964

Station located at Highway 4 bridge, 4.2 E of Byron. Station located in tidal z ne
Maximum gage ht. listed does not indicate maximum discharge.

TABLE 8-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES
OLD RIVER NEAR ROCK SLOUCH

STATION NO	WATER YEAR
B05180	1957

DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT
1	5.95 3.23	6.03 2.12	6.88 2.47	5.30 2.07	7.42 4.42	6.00 2.70	6.14 2.29	5.64E 2.76E	6.18 3.00	6.70 3.80	6.60 2.60	6.74 2.52	
	6.12 3.06	6.18 2.17	7.20 2.69	5.12 1.94	7.34 4.24	6.13 2.48	5.85 2.32	5.75E 2.87E	6.30 3.40	6.92 3.50	7.02 2.70	6.68 2.40	2
2	6.19 2.93	6.70 2.21	6.32 3.23	5.08 1.80	7.15 3.83	6.38 2.51	5.76 2.36	5.92E 3.02E	6.44 3.46	7.02 3.24	7.08 2.60	6.56 2.54	3
	6.14 2.82	6.29 2.77	5.90 2.61	5.36 1.98	7.02 3.57	6.23 2.33	5.81 2.63	6.07E 3.26	6.82 3.54	6.98 3.00	7.00 2.60	6.38 2.62	4
3	6.33 2.62	6.25 2.42	6.48 3.22	6.12 2.46	6.99 3.32	6.00 2.09	5.69 2.63	6.20 3.30	7.00 3.40	7.42 3.20	6.96 2.50	6.26 2.74	5
	6.44 2.49	6.00 2.58	6.77 3.27	5.96 2.13	6.78 3.13	5.75 2.00	5.83 2.90	6.08 3.24	6.86 2.90	7.46 3.12	6.94 2.70	6.02 2.80	6
4	6.91 2.34	5.43 2.46	6.77 3.41	6.07 2.06	6.86 4.51	5.82 2.15	5.80 2.10	6.04 2.96	6.94 2.92	7.44 3.10	6.74 2.56	6.26 3.00	7
	5.77 1.95	5.69 2.63	6.84 3.46	6.14 2.07	6.61 3.11	5.87 2.34	5.91 3.27	6.20 2.90	7.12 3.02	7.42 3.02	6.62 2.82	6.42 2.96	8
5	4.93 1.97	5.64 2.61	6.93 3.25	6.19 3.61	6.53 2.98	6.18 3.47	5.99 3.20	6.80 3.20	7.32 3.12	7.22 2.90	6.20 3.00	6.50 2.70	9
	5.78 2.21	5.85 2.69	7.07 4.10	6.14 2.06	6.25 2.95	6.12 2.85	6.14 3.17	6.92 3.14	7.24 3.00	7.02 2.70	6.24 3.00	6.72 2.60	10
6	6.36 2.91	6.18 2.67	6.94 3.08	6.21 2.07	5.91 2.88	5.96 3.01	6.47 3.29	6.74 2.80	7.07 2.90	6.54 2.50	6.20 2.80	6.14 2.50	11
	6.05 2.81	6.33 3.27	6.96 2.87	6.19 2.27	5.72 2.76	6.13 2.81	6.48 3.12	6.60 2.66	7.12 3.12	6.22 2.62	6.36 2.84	6.56 2.26	12
7	6.51 2.33	6.49 2.54	7.01 2.08	5.85 2.31	5.91 2.96	5.97 3.28	6.34 2.88	6.42 2.46	6.54 2.86	6.28 2.72	6.56 2.60	6.56 2.60	13
	5.12 2.38	6.58 2.51	6.66 2.93	5.36 2.16	6.19 3.57	5.85 3.00	6.27 2.69	6.16 2.20	6.34 2.90	6.48 2.92	5.10 2.54	6.66 2.71	14
8	5.27 2.16	6.54 2.51	6.07 2.62	4.92 2.02	5.43 2.81	5.95 2.85	6.32 2.69	6.02 2.10	5.84 3.02	5.22 3.20	6.82 2.60	6.60 2.88	15
	5.92 2.32	6.33 2.81	5.74 2.24	5.00 1.96	5.46 2.78	6.63 3.53	5.82 2.37	5.86 2.20	6.62 3.30	6.92 3.22	7.12 2.78	6.50 2.80	16
9	6.06 2.17	6.09 2.35	5.23 2.19	5.04 2.02	5.63 2.53	6.09 2.91	5.86 2.75	5.76 2.40	6.06 3.00	7.32 3.20	6.82 2.52	6.32 2.82	17
	5.04 2.00	5.55 2.24	5.10 2.02	5.13 2.21	5.93 2.42	6.30 3.18	5.74 2.60	5.96 2.82	7.46 3.90	7.28 2.82	6.02 2.40	6.76 2.76	18
10	6.27 1.95	5.19 2.12	5.10 1.96	5.35 2.34	6.25 2.44	6.22 2.98	6.00 2.70	6.28 3.00	7.62 3.46	7.14 2.64	6.68 2.60	5.88 2.84	19
	6.13 2.12	5.77 2.70	5.51 2.21	6.16 2.87	5.99 2.05	6.17 2.85	5.94 2.85	6.56 3.30	7.51 3.32	7.07 2.56	6.71 2.90	5.96 3.10	20
11	5.28 2.35	5.61 2.66	5.61 2.58	7.37 3.93	6.15 2.13	6.23 2.73	6.37 2.60	6.88 3.38	7.58 3.20	7.08 2.64	6.54 2.80	6.70 3.14	21
	4.92 2.00	5.62 2.24	5.45 2.02	7.23 2.21	6.26 2.42	6.30 3.18	6.52 2.60	7.06 2.82	7.56 3.90	7.02 2.82	6.26 2.80	6.26 2.76	22
12	5.27 2.35	5.19 2.66	5.10 2.58	5.35 3.93	6.25 2.13	6.22 2.73	6.22 2.60	6.28 2.82	7.62 3.90	7.14 2.82	6.72 2.40	5.88 2.76	23
	5.11 2.12	5.19 2.12	5.10 1.96	5.35 2.34	6.25 2.44	6.22 2.98	6.00 2.70	6.28 3.00	7.62 3.46	7.14 2.64	6.68 2.60	5.88 2.84	24
13	6.13 2.12	5.77 2.70	5.51 2.21	6.16 2.87	5.99 2.05	6.17 2.85	5.94 2.85	6.56 3.30	7.51 3.32	7.07 2.56	6.71 2.90	5.96 3.10	25
	5.28 2.35	5.61 2.66	5.61 2.58	7.37 3.93	6.15 2.13	6.23 2.73	6.37 2.60	6.88 3.38	7.58 3.20	7.08 2.64	6.54 2.80	6.70 3.14	26
14	4.92 2.00	5.62 2.24	5.45 2.02	7.23 2.21	6.26 2.42	6.30 3.18	6.52 2.60	7.06 2.82	7.56 3.90	7.02 2.82	6.26 2.80	6.26 2.76	27
	5.11 2.12	5.19 2.12	5.10 1.96	5.35 2.34	6.25 2.44	6.22 2.98	6.00 2.70	6.28 3.00	7.62 3.46	7.14 2.64	6.68 2.60	5.88 2.84	28
15	4.93 2.16	5.71 2.41	7.28 2.41	8.38 5.68	6.61 2.48	6.42 2.95	7.08 3.68	7.66 3.42	7.42 3.10	7.42 2.50	6.46 2.50	6.74 3.00	29
	5.14 2.16	5.76 2.40	6.32 2.40	7.68 2.44	6.30 2.04	6.19 3.30	7.20 3.52	7.64 3.14	7.28 3.22	6.06 2.44	6.07 2.44	6.48 3.00	30
16	5.14 2.16	5.76 2.40	6.32 2.40	7.68 2.44	6.30 2.04	6.19 3.30	7.20 3.52	7.64 3.14	7.28 3.22	6.06 2.44	6.07 2.44	6.48 3.00	31
	5.27 2.77	5.76 4.03	6.32 4.03	7.68 3.64	5.76 3.03	6.06 3.03	7.16 3.54E	7.60 3.20	7.60 3.10	6.06 3.10	5.66 2.30	6.46 3.08	31
17	5.12 2.27	5.06 2.27	6.31 2.30	7.33 3.60	5.53 2.52	6.14 2.93	6.44 3.01	7.45E 3.30	7.32 2.54	6.26 2.84	6.42 3.00	6.40 2.72	27
	5.60 2.10	6.27 2.09	6.26 3.48	7.16 3.48	5.66 2.45	6.44 3.15	7.14E 3.35E	7.01 2.32	6.28 2.80	5.92 2.82	6.46 2.86	5.66 2.54	28
18	5.41 2.09	6.51 2.71	6.01 2.36	7.40 3.37	6.30 3.55	6.71 3.18	6.72 3.64	7.42 3.36	7.50 3.00	6.78 2.50	6.00 2.88	6.36 3.04	29
	5.13 2.09	6.71 2.41	7.28 2.41	8.38 5.68	6.61 2.48	6.42 2.95	7.08 3.68	7.66 3.42	7.42 3.10	7.42 2.50	6.46 2.50	6.74 3.00	30
19	5.14 2.16	5.76 2.40	6.32 2.40	7.68 2.44	6.30 2.04	6.19 3.30	7.20 3.52	7.64 3.14	7.28 3.22	6.06 2.44	6.07 2.44	6.48 3.00	31
	5.27 2.77	5.06 2.27	6.31 2.30	7.33 3.60	5.53 2.52	6.14 2.93	6.44 3.01	7.45E 3.30	7.32 2.54	6.26 2.84	6.42 3.00	6.40 2.72	27
20	5.60 2.10	6.27 2.09	6.26 3.48	7.16 3.48	5.66 2.45	6.44 3.15	7.14E 3.35E	7.01 2.32	6.28 2.80	5.92 2.82	6.46 2.86	5.66 2.54	28
	5.41 2.09	6.51 2.71	6.01 2.36	7.40 3.37	6.30 3.55	6.71 3.18	6.72 3.64	7.66 3.36	7.42 3.20	7.42 2.50	6.46 2.50	6.74 3.00	31
21	5.13 2.09	6.71 2.41	7.28 2.41	8.38 5.68	6.61 2.48	6.42 2.95	7.08 3.68	7.66 3.42	7.42 3.10	7.42 2.50	6.46 2.50	6.74 3.00	31
	5.27 2.77	5.06 2.27	6.31 2.30	7.33 3.60	5.53 2.52	6.14 2.93	6.44 3.01	7.45E 3.30	7.32 2.54	6.26 2.84	6.42 3.00	6.40 2.72	27
22	5.60 2.10	6.27 2.09	6.26 3.48	7.16 3.48	5.66 2.45	6.44 3.15	7.14E 3.35E	7.01 2.32	6.28 2.80	5.92 2.82	6.46 2.86	5.66 2.54	28
	5.41 2.09	6.51 2.71	6.01 2.36	7.40 3.37	6.30 3.55	6.71 3.18	6.72 3.64	7.66 3.36	7.42 3.20	7.42 2.50	6.46 2.50	6.74 3.00	31
23	5.13 2.09	6.71 2.41	7.28 2.41	8.38 5.68	6.61 2.48	6.42 2.95	7.08 3.68	7.66 3.42	7.42 3.10	7.42 2.50	6.46 2.50	6.74 3.00	31
	5.27 2.77	5.06 2.27	6.31 2.30	7.33 3.60	5.53 2.52	6.14 2.93	6.44 3.01	7.45E 3.30	7.32 2.54	6.26 2.84	6.42 3.00	6.40 2.72	27
24	5.60 2.10	6.27 2.09	6.26 3.48	7.16 3.48	5.66 2.45	6.44 3.15	7.14E 3.35E	7.01 2.32	6.28 2.80	5.92 2.82	6.46 2.86	5.66 2.54	28
	5.41 2.09	6.51 2.71	6.01 2.36	7.40 3.37	6.30 3.55	6.71 3.18	6.72 3.64	7.66 3.36	7.42 3.20	7.42 2.50	6.46 2.50	6.74 3.00	31
25	5.13 2.09	6.71 2.41	7.28 2.41	8.38 5.68	6.61 2.48	6.42 2.95	7.08 3.68	7.66 3.42	7.42 3.10	7.42 2.50	6.46 2.50	6.74 3.00	31
	5.27 2.77	5.06 2.27	6.31 2.30	7.33 3.60	5.53 2.52	6.14 2.93	6.44 3.01	7.45E 3.30	7.32 2.54	6.26 2.84	6.42 3.00	6.40 2.72	27
26	5.60 2.10	6.27 2.09	6.26 3.48	7.16 3.48	5.66 2.45	6.44 3.15	7.14E 3.35E	7.01 2.32	6.28 2.80	5.92 2.82	6.46 2.86	5.66 2.54	28
	5.41 2.09	6.51 2.71	6.01 2.36	7.40 3.37	6.30 3.55	6.71 3.18	6.72 3.64	7.66 3.36	7.42 3.20	7.42 2.50	6.46 2.50	6.74 3.00	31
27	5.13 2.09	6.71 2.41	7.28 2.41	8.38 5.68	6.61 2.48	6.42 2.95	7.08 3.68	7.66 3.42	7.42 3.10	7.42 2.50	6.46 2.50	6.74 3.00	31
	5.27 2.77	5.06 2.27	6.31 2.30	7.33 3.60	5.53 2.52	6.14 2.93	6.44 3.01	7.45E 3.30	7.32 2.54	6.26 2.84	6.42 3.00	6.40 2.72	27
28	5.60 2.10	6.27 2.09	6.26 3.48	7.16 3.48	5.66 2.45	6.44 3.15	7.14E 3.35E	7.01 2.32	6.28 2.80	5.92 2.82	6.46 2.86	5.66 2.54	28
	5.41 2.09	6.51 2.71	6.01 2.36	7.40									

TABLE 8-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES
MOKELEMNE RIVER NEAR THORNTON

in feet

STATION NO.	WATER YEAR
506175	1967

DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	DATE
1	3.18 0.46	3.20 -0.48	3.94 0.01	2.49 -0.74	9.97A 9.34A	3.2E 0.26	4.26 3.25	6.53 6.16	5.92 5.51	4.11 2.41	3.74 0.18	3.55 1.18	
2	3.28 0.39	3.35 -0.39	4.35 0.15	2.29 -0.92	9.34A 7.57A	3.37 0.02	5.10 4.33	6.36 6.10	.99 .49	4.30 2.71	4.05 0.31	3.07 0.73	2
3	3.34 0.23	3.79 -0.31	3.72 1.22	2.26 -1.09	7.57A 5.88A	3.67 0.04	4.62 3.52	6.35 6.10	5.87 5.46	4.46 2.67	4.12 0.39	3.92 0.77	3
4	3.28 0.18	3.48 0.29	3.99 1.38	2.53 -0.96	5.90A 4.75A	3.43 -0.15	4.16 3.66	6.37 6.13	5.89 5.46	4.41 2.75	4.06 0.31	3.79 0.90	4
5	3.44 -0.08	3.47 -0.06	3.98 2.19	3.20 -0.41	5.11 4.49	3.25 -0.38	3.93 3.09	6.41 6.17	5.94 5.39	4.82 3.29	4.05 0.45	3.89 0.93	5
6	3.57 -0.11	3.11 0.11	5.75A 2.69A	3.06 -0.74	4.61 3.82	3.05 -0.49	4.33 3.06	6.42 6.20	5.73 5.42	4.89 2.97	4.15 0.77	3.44 0.95	6
7	3.09 -0.27	3.21 -0.12	8.20A 5.75A	3.15 0.28	4.45 3.23	3.10 0.76	6.88A 3.63A	6.42 6.16	6.00 5.52	4.75 2.20	4.04 0.70	3.73 1.09	7
8	2.09 -0.67	2.93 0.00	8.09A 6.23A	3.23 -0.80	4.13 2.87	3.36 -0.37	9.00A 6.88A	6.47 6.18	6.05 5.48	4.67 2.40	3.92 0.86	3.96 1.19	8
9	2.95 -0.69	2.90 0.03	6.23A 4.26A	3.28 -0.79	4.01 2.37	3.72 0.56	8.70A 7.03A	6.67 6.32	6.06 5.45	4.49 3.83	3.78 1.01	3.86 1.11	9
10	2.98 -0.43	3.10 0.13	4.61 3.51	3.23 -0.78	3.75 2.08	3.69 1.02	7.03A 5.79A	6.92 6.54	6.00 5.21	4.26 1.04	3.63 0.92	3.00 1.02	10
11	3.52 0.33	3.37 0.13	4.36 2.75	3.28 -0.79	3.44 1.79	3.43 1.23	5.84 5.45	7.46 7.27	5.62 4.96	3.81 0.83	3.59 0.75	3.75 1.04	11
12	3.25 0.17	3.48 0.13	4.29 2.16	3.27 -0.61	3.26 1.44	3.72 1.06	7.76A 6.47A	7.64 7.32	5.54 4.82	3.48 0.58	3.71 0.22	2.57 0.74	12
13	2.64 -0.30	3.61 0.05	4.30 1.49	2.97 -0.55	3.49 1.40	4.13A 2.19A	7.76A 6.61A	7.37 6.88	5.22 4.06	3.60 0.71	2.31 0.69	3.92 1.04	13
14	2.63 -0.45	3.68 0.02	3.93 1.17	2.52 -0.74	3.62 1.65	6.78A 4.13A	6.35 5.51	6.95 6.49	4.57 2.81	2.79 0.69	3.90 2.66	4.03 1.23	14
15	3.02 -0.47	3.71 0.06	3.40 0.61	2.12 -0.92	2.95 0.67	6.90A 5.83A	5.68 4.91	6.65 6.25	4.07 1.70	3.76 1.18	4.08 0.70	3.96 1.32	15
16	3.09 -0.35	3.50 0.36	3.04 0.03	2.15 -1.01	2.89 0.63	5.83A 4.84A	5.29 4.86	6.52 6.20	3.94 1.73	4.23 1.87	4.32 0.90	3.91 1.37	16
17	3.13 -0.42	3.32 -0.03	2.55 -0.23	2.19 -0.99	3.01 0.36	9.32A 5.11A	5.30 4.72	6.64 6.44	4.11 2.16	4.59 2.09	4.09 0.62	3.77 1.36	17
18	3.00 -0.53	2.87 0.04	2.42 -0.52	2.27 -0.82	3.18 0.27	9.36A 8.53A	5.13 4.89	6.91 6.74	4.67 2.69	4.55 1.66	4.01 0.59	3.40 1.20	18
19	3.03 -0.68	3.02 -0.14	2.39 -0.72	2.51 -0.68	3.31 0.20	8.53A 7.15A	7.34A 5.35A	7.14 6.99	4.76 2.35	4.42 1.15	3.98 0.79	3.35 1.22	19
20	3.30 -0.52	3.32 0.44	2.77 -0.51	3.29 0.09	3.27 1.54	7.15A 5.72A	8.04A 7.34A	7.27 7.05	4.70 2.12	4.28 0.87	4.04 1.05	3.44 1.40	20
21	2.27 -0.29	2.98 0.56	2.85 -0.27	4.55 1.92	3.43 -0.11	5.70 5.50	7.92 7.61	7.35 7.10	4.67 1.90	4.42 0.84	3.88 0.91	4.09 1.46	21
22	2.49 -0.81	2.92 -0.01	2.72 -0.39	11.95A 2.67A	3.51 -0.06	5.10 4.69	8.35A 7.21A	7.43 7.19	4.64 1.74	4.20 0.58	3.62 0.93	3.69 1.70	22
23	2.22 -0.84	2.97 0.24	3.19 0.39	12.10A 9.10A	3.61 0.02	4.95 4.19	8.70 8.53	7.57 7.20	4.57 1.57	3.94 0.45	3.35 0.83	3.77 1.46	23
24	2.14 -0.75	2.95 0.13	3.40 -0.38	9.10A 7.26A	3.77 0.23	4.70 3.94	8.57 8.30	7.64 7.27	4.50 1.56	3.67 0.22	3.32 0.87	4.11 1.50	24
25	2.39 -0.49	2.97 -0.20	3.51 -0.33	8.69A 7.12A	3.54 0.62	4.54 3.88	8.53 8.23	7.52 7.09	4.38 1.43	3.32 0.04	3.44 0.99	3.86 1.53	25
26	2.70 0.05	3.09 -0.42	3.55 -0.35	8.52A 6.99A	3.11 0.49	4.27 3.38	8.14A 7.52A	7.36 6.87	4.00 1.20	2.99 -0.10	3.45 0.94	3.33 1.21	26
27	2.81 0.06	3.10 -0.59	3.46 -0.38	6.99A 5.73A	2.89 0.43	4.03 2.89	7.51 6.92	7.07 6.50	3.56 3.75	3.19 0.15	3.65 0.87	3.75 1.27	27
28	2.78 0.05	3.34 -0.68	3.36 -0.64	6.60 6.22	2.98 0.14	4.11 2.76	7.06 6.71	6.86 6.37	3.34 0.99	3.26 0.30	3.75 0.88	3.20 1.17	28
29	2.63 -0.21	3.57 -0.28	3.43 -0.74	7.27A 5.83A		4.18 2.42	7.02 6.66	6.52 6.04	3.59 2.15	1.84 0.60	2.29 0.56	3.76 1.23	29
30	2.72 -0.59	3.68 -0.39	3.34 -0.58	9.48A 7.27A		4.00 2.46	6.80 6.41	6.27 5.78	4.00 2.22	3.41 0.42	3.58 0.38	3.87 1.44	30
31	2.94 -0.62		2.95 -0.59	9.86A 9.48A		4.23 2.46		6.14 5.61		3.68 0.34	3.90 0.68		31
MAXIMUM	3.57	3.79	8.20A	12.10A	9.97A	9.36A	9.00A	7.64	6.06	4.89	4.32	4.17	MAXIMUM
MINIMUM	-0.84	-0.68	-0.74	-1.09	-0.11	-0.49	3.06	5.61	0.75	-0.10	0.18	0.73	MINIMUM

E-Estimated
NR-No Record

CREST STAGES											
DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12/ 7/66	1810	8.20	2/ 1/67	1220	9.97	4/ 8/67	1315	9.00			
1/27/67	0320	12.10	3/18/67	0200	9.36						

A High flows affected the normal tidal pattern. ag. heights listed are axial and minimum stage for day.

LOCATION	LATITUDE	LONGITUDE	MAXIMUM DISCHARGE			DISCHARGE	PERIOD OF RECORD			DATUM OF GAGE		
			1/4 SEC T & R M D B & M	CFS	GAGE HT		DATE	GAGE HEIGHT ONLY	PERIOD FROM TO	ZERO OH GAGE	REF GAGE	
Station located at highway bridge, 2.3 mi. NW of Thornton. Al. Known as Mokelumne river at Ben's Ferry. Station located in tidal zone. Maximum gage ht. listed does not indicate maximum discharge. At times, tidal fluctuation is influenced by operation of the Delta Cross Channel gates.	38 15 N	121 26 21	NW2	5N	SE5	14.5	1967	1969	1/1 - 1/1	1.4	1.4	1.4

TABLE 8-12 (CONT)
DAILY MAXIMUM AND MINIMUM TIDES
SOUTH FORK MCKELMUNE RIVER AT NEW HOPE BRIDGE
in feet

STATION NO	WATER YEAR
B94150	1967

DATE	OCT	NOV	DEC	JAN.	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT
1	3.27 0.57	3.27 -0.44	4.03 -0.20	2.50 -0.70	5.79 4.08	3.23 -0.04	3.48 0.04	3.08 0.59	3.58 0.81	4.05 1.82	3.85 0.18	4.06 0.36	1
2	3.38 0.49	3.41 -0.38	4.42 0.02	2.29 -0.88	5.18 2.88	3.34 -0.25	3.27 0.18	3.18 0.71	3.66 1.06	4.24 1.69	4.26 0.36	4.01 0.23	2
3	3.43 0.31	3.92 -0.31	3.60 0.64	2.26 -1.01	4.67 1.99	3.66 -0.22	3.11 0.08	3.32 0.87	3.78 1.21	4.35 1.40	4.36 0.29	3.93 0.36	3
4	3.33 0.25	3.52 0.26	3.77 0.12	2.54 -0.89	4.45 1.58	3.42 -0.38	3.18 0.27	3.46 1.16	4.15 1.28	4.29 1.21	4.30 0.27	3.79 0.43	4
5	3.52 0.00	3.51 -0.09	3.81 0.73	3.26 -0.36	4.39 2.29	3.24 -0.60	3.10 0.23	3.61 1.13	4.42 1.21	4.71 1.46	4.26 0.27	3.67 0.51	5
6	3.66 -0.03	3.24 0.09	4.16 0.75	3.10 -0.68	4.15 1.20	3.00 -0.71	3.23 0.53	3.52 1.10	4.23 0.87	4.75 1.30	4.27 0.42	3.43 0.53	6
7	3.13 -0.20	2.67 -0.13	4.41 1.48	3.21 -0.74	4.21 0.91	3.06 -0.57	3.34 0.97	3.50 0.91	4.29 0.85	4.70 1.12	4.09 0.31	3.71 0.72	7
8	3.00 -0.62	2.98 0.02	4.44 1.56	3.30 0.54	3.95 0.86	3.33 0.56	3.62 1.23	3.64 0.96	4.44 0.93	4.66 1.02	3.99 0.51	3.88 0.77	8
9	2.17 -0.62	2.95 0.07	4.38 1.53	3.34 -0.73	3.87 0.66	3.73 0.36	3.67 1.59	4.22 1.24	4.66 1.03	4.46 0.79	3.80 0.68	3.91 0.66	9
10	3.03 -0.38	3.17 0.15	4.38 1.03	3.29 -0.71	3.60 0.57	3.75 0.83	3.67 1.19	4.42 1.25	4.55 0.91	4.27 0.56	3.63 0.55	4.11 0.55	10
11	3.66 0.36	3.49 0.44	4.23 0.72	3.36 -0.72	3.25 0.47	3.42 1.03	3.92 1.14	4.20 1.15	4.39 0.83	3.80 0.28	3.58 0.43	3.78 0.53	11
12	3.32 0.23	3.61 0.15	4.19 0.49	3.36 -0.53	3.07 0.27	3.67 0.74	4.01 1.46	4.08 0.96	4.43 1.01	3.46 0.33	3.72 0.46	2.57 0.24	12
13	2.70 -0.26	3.79 0.06	4.23 0.37	3.02 -0.48	3.34 0.39	3.52 0.85	3.87 1.14	3.87 0.70	3.83 0.58	3.60 0.41	3.92 0.32	3.92 0.53	13
14	2.69 -0.40	3.87 0.04	3.89 0.41	2.54 -0.65	3.53 0.83	3.36 0.88	3.72 0.72	3.62 0.48	3.43 0.46	3.02 0.51	2.44 0.26	4.03 0.68	14
15	3.12 -0.43	3.89 0.07	3.34 0.07	2.13 -0.81	2.79 0.13	3.53 0.74	3.72 1.02	3.45 0.54	3.62 0.39	2.53 0.88	4.14 0.33	3.97 0.78	15
16	3.16 -0.31	3.62 0.38	3.01 -0.37	2.16 -0.91	2.77 0.06	4.18 1.33	3.23 0.25	3.29 0.42	3.82 0.61	4.23 1.01	4.43 0.53	3.91 0.80	16
17	3.20 -0.37	3.40 -0.02	2.51 -0.49	2.20 -0.88	2.03 -0.18	3.65 1.61	3.29 0.60	3.26 0.61	4.03 1.13	4.64 1.07	4.14 0.27	3.75 0.76	17
18	3.07 -0.46	2.87 0.04	2.39 -0.71	2.30 -0.69	3.12 -0.27	4.30 2.32	3.24 0.47	3.43 0.94	4.62 1.41	4.59 0.89	4.07 0.22	3.43 0.60	18
19	3.10 -0.61	2.99 -0.14	2.35 -0.33	2.53 -0.55	3.30 -0.30	3.87 1.42	3.52 1.03	3.77 1.12	4.72 0.94	4.46 0.88	4.04 0.43	3.29 0.66	19
20	3.37 -0.47	3.33 0.41	2.73 -0.50	3.36 0.14	3.25 -0.61	3.61 0.97	3.53 1.29	4.04 1.29	4.67 1.43	4.38 0.80	4.06 0.37	3.30 0.86	20
21	2.50 -0.24	2.95 0.19	2.02 -0.28	4.66 1.50	3.39 -0.51	3.64 0.67	3.95 1.62	4.37 1.53	4.65 0.66	4.39 0.41	3.90 0.51	4.11 0.93	21
22	2.12 -0.76	2.06 -0.15	2.68 -0.43	4.88 2.54	3.47 0.85	3.77 0.67	4.07 1.90	4.54 1.23	4.63 0.59	4.34 0.48	3.62 0.58	3.66 1.23	22
23	2.11 -0.77	2.91 -0.11	3.19 -0.42	6.57 5.76	3.59 -0.40	4.14 1.77	4.35 2.15	4.89 1.61	4.56 0.40	4.00 0.35	3.34 0.50	3.72 0.85	23
24	2.18 -0.69	2.91 -0.28	3.43 0.68	5.91 3.83	3.75 -0.18	3.85 0.91	4.68 2.13	5.15 1.71	4.49 1.60	3.77 0.19	3.31 0.50	4.09 0.77	24
25	2.44 -0.41	2.96 0.06	3.55 -0.36	5.30 2.87	3.51 0.21	3.65 0.73	4.79 2.03	5.07 1.66	4.36 0.61	3.37 0.61	3.43 0.66	3.79 0.89	25
26	2.75 0.12	3.11 -0.42	3.61 -0.37	5.11 2.74	3.04 0.03	3.50 0.74	4.75 1.73	5.02 1.49	3.97 0.49	3.01 0.10	3.44 0.64	3.79 0.52	26
27	2.87 0.12	3.14 -0.55	3.52 -0.40	4.83 2.04	2.81 -0.13	3.54 0.55	4.87 1.61	4.72 1.48	3.46 0.10	3.22 0.16	3.67 0.58	3.68 0.51	27
28	2.85 0.17	3.40 -0.65	3.41 -0.65	4.74 1.77	2.91 -0.26	3.83 0.72	4.52 1.30	4.45 1.10	2.82 0.12	3.26 0.29	3.76 0.53	3.04 0.37	28
29	2.71 -0.13	3.66 -0.30	3.50 -0.73	4.49 1.92	4.02 0.44	4.23 1.30	3.87 1.30	3.87 0.90	3.47 1.40	3.87 0.58	3.58 0.79	3.71 0.46	29
30	2.77 -0.51	3.71 -0.42	3.40 -0.56	5.24 2.26	3.74 0.40	3.47 0.70	3.67 0.91	3.91 1.58	3.78 0.43	2.56 0.01	3.83 0.60	3.83 0.60	30
31	3.01 -0.67	2.97 -0.66	5.83 4.00	4.04 0.39	3.94 0.39	3.94 0.87	4.01 1.40	4.01 1.40	2.31 0.32	3.92 0.31	4.43 0.23	4.11 0.23	31
MAXIMUM	3.	3.92	4.44	6.57	5.79	4.30	4.47	5.15	4.72	4.76	4.43	4.11	MAXIMUM
MINIMUM	-0.77	-0.65	-0.83	-1.01	-0.61	-0.71	0.04	0.37	0.10	-0.10	0.01	0.23	MINIMUM

E = Estimated
NR = No Record

CREST STAGES											
DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE

LOCATION	MAXIMUM DISCHARGE			DISCHARGE	PERIOD OF RECORD		DATUM OF GAGE			
	OF RECORD				GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF DATUM	
	CFS	GAGE HT	DATE			FROM	TO			
38 15 35 121 29 24, NW 1 4N 4E	15.5	12 25/55		AUG 20-DATE	1931	1940	0.26	USED		
Station located S of Walnut Grove-Thornton Highway bridge, 3.8 mi. W of Thornton, Station located in tidal zone. Maximum gage ht. listed does not indicate maximum discharge. At times, tidal fluctuation is influenced by operation of the Delta Cross Channel gates.										
1940 1940 2.84 USED										
1940 1940 1.62 USCGS										
1964 1964 0.00 USCIS										

TABLE 8-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES
SAN JOAQUIN RIVER AT SAN ANDREAS LANDING

in feet

STATION NO.	WATER YEAR
B95100	1967

DATE	DCT	NDV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT
1	5.91 3.30	5.99 2.16	6.86 2.53	5.23 2.12	7.40 4.48	5.97 2.75	5.83 2.38	5.41 2.49	6.06 3.00	6.58 3.80	5.24 2.67	6.69 2.58	
2	6.09 3.14	6.13 2.21	7.20 2.76	5.06 1.98	7.27 4.31	6.09 2.53	5.68 2.40	5.58 2.71	6.15 3.39	6.77 3.58	6.96 2.82	6.63 2.47	2
3	6.16 2.99	6.64 2.24	6.27 3.30	5.05 1.87	7.10 3.90	6.40 2.57	5.73 2.68	5.75 2.92	6.27 3.47	6.88 3.23	7.05 2.73	6.52 2.56	3
4	6.08 2.88	6.23 2.83	6.22 2.69	5.35 2.05	6.96 3.63	6.18 2.36	5.63 2.66	5.89 3.30	6.68 3.52	6.84 3.00	6.98 2.66	6.34 2.62	4
5	6.21 2.68	6.19 2.49	6.46 3.32	6.09 2.51	6.93 3.40	5.96 2.14	5.78 2.93	6.05 3.27	6.97 3.40	7.27 3.25	6.92 2.64	6.24 2.78	5
6	6.39 2.55	5.91 2.65	6.74 3.32	5.93 2.18	6.72 3.16	5.72 2.05	5.78 2.93	5.93 3.22	6.72 2.97	7.33 3.09	6.90 2.73	5.97 2.85	6
7	5.86 2.42	5.64 2.46	6.75 3.49	6.05 2.09	6.81 3.15	5.80 2.21	5.75 3.09	5.91 2.95	6.80 2.91	7.31 3.04	6.72 2.66	6.23 3.07	7
8	5.73 2.02	5.53 2.63	6.81 3.48	6.12 2.11	6.55 4.31	5.85 2.41	5.86 3.26	6.07 2.99	6.97 2.99	7.29 2.97	6.60 2.89	6.39 3.05	8
9	4.87 2.02	5.59 2.66	6.91 3.30	6.17 2.08	6.48 3.01	6.20 2.93	5.93 3.23	6.69 3.19	7.19 3.11	7.09 2.86	6.41 2.96	6.46 2.82	9
10	5.74 2.25	5.81 2.72	7.03 3.12	6.12 2.14	6.22 2.98	6.17 3.14	6.07 3.22	6.80 3.10	7.09 2.99	6.90 2.76	6.22 3.08	6.69 2.70	10
11	6.33 2.97	6.16 2.70	6.90 2.89	6.18 2.30	5.83 2.94	5.96 3.46	6.38 3.30	6.62 2.83	6.95 2.94	6.42 2.48	6.17 2.96	6.39 2.64	11
12	6.01 2.86	6.30 2.59	6.91 4.34	6.17 2.36	5.65 2.81	6.11 2.87	6.39 3.11	6.46 2.59	6.99 3.14	6.08 2.62	6.32 2.93	6.52 2.19	12
13	5.38 2.31	6.46 3.58	6.99 2.86	5.81 3.71	5.84 2.98	5.95 3.38	6.25 2.88	6.27 2.40	6.38 2.80	6.17 2.73	6.55 2.72	5.57 2.64	13
14	5.38 2.19	6.56 2.55	6.61 2.96	5.32 2.21	6.14 3.58	5.83 3.09	6.18 2.71	6.05 2.24	6.19 2.86	6.42 2.95	6.80 2.63	6.61 2.79	14
15	5.83 2.73	6.55 2.56	6.01 2.66	4.88 2.08	5.38 2.88	5.93 2.97	6.24 2.72	5.89 2.19	6.49 2.81	6.85 3.30	5.48 2.69	6.54 2.89	15
16	5.89 2.32	6.28 2.86	5.69 2.28	4.96 2.03	5.40 2.83	5.64 3.60	5.74 2.37	5.74 2.30	5.58 3.30	5.46 3.28	7.09 2.86	6.46 2.92	16
17	5.92 2.23	6.05 2.41	5.19 2.25	4.99 2.08	5.58 2.55	6.03 2.95	5.81 2.79	5.67 2.49	6.74 3.82	7.25 3.22	6.79 2.59	6.27 2.87	17
18	5.88 2.14	5.50 2.30	5.06 2.08	5.08 2.31	5.78 2.50	6.24 3.22	5.84 2.64	5.85 2.82	7.35 3.95	7.21 3.95	6.69 2.86	5.96 2.80	18
19	5.83 2.00	5.57 2.18	5.03 2.02	5.31 2.41	6.09 2.48	6.12 3.00	5.93 2.71	6.16 3.00	7.50 3.45	7.10 2.68	6.66 2.65	5.81 2.90	19
20	6.06 2.20	5.85 2.73	5.45 2.32	6.17 2.97	5.94 2.10	6.08 2.88	5.85 2.87	6.45 3.39	7.48 3.30	7.01 2.59	6.70 2.96	5.91 3.10	20
21	5.21 2.40	5.63 2.76	5.56 2.66	7.47 3.98	6.10 2.15	6.12 2.74	6.24 3.39	6.76 3.41	7.48 3.19	7.03 2.67	6.50 2.91	6.62 3.21	21
22	4.93 1.90	5.57 2.73	5.41 2.44	7.17 3.40	6.22 2.29	6.29 2.88	6.42 3.55	6.99 3.15	7.45 3.12	6.97 2.75	6.23 3.01	6.21 3.52	22
23	4.83 1.90	5.62 2.77	5.97 2.41	7.41 3.44	6.36 2.52	6.61 3.15	6.63 3.64	7.32 3.34	7.36 3.05	6.72 2.72	5.96 2.96	6.31 3.11	23
24	4.88 2.02	5.66 2.62	6.24 2.44	8.40 4.36	6.56 3.63	6.36 2.99	6.98 3.62	7.58 3.38	7.30 3.08	6.41 2.58	5.86 3.46	6.67 3.00	24
25	5.15 2.32	5.73 2.46	6.35 2.43	7.64 5.23	6.26 2.79	6.14 3.07	7.09 3.44	7.54 3.33	7.15 3.21	6.01 2.49	6.03 3.33	6.45 3.09	25
26	5.42 2.80	5.90 2.34	6.46 2.21	7.54 3.66	5.71 2.71	6.02 3.10	7.07 3.22	7.48 3.22	6.69 3.09	5.63 2.39	6.05 3.16	6.45 2.75	26
27	5.56 2.83	5.94 2.22	6.35 4.01	7.29 3.62	5.48 2.56	6.10 2.99	7.22 3.43	7.16 3.24	6.12 2.84	5.85 2.73	6.34 3.08	6.35 2.78	27
28	5.56 2.54	6.24 2.53	6.22 2.10	7.16 3.51	5.62 2.49	6.41 3.21	6.96 3.07	6.89 3.20	6.13 2.87	5.88 2.91	6.41 2.93	6.35 2.59	28
29	5.40 2.16	6.50 4.23	6.36 2.05	6.89 3.06	6.56 2.86	6.70 3.05	6.64 2.87	6.22 3.28	6.40 3.17	6.14 2.54	6.25 2.54	5.66 2.63	29
30	5.49 2.98	6.53 2.42	6.22 2.22	7.14 3.75	6.35 2.70	5.89 2.51	5.55 2.96	4.98 3.60	4.98 3.00	6.46 2.33	5.21 2.33	6.40 2.73	30
31	5.72 2.08	5.74 2.24	7.75 4.77	6.67 2.83	6.67 2.83	6.35 2.83	6.35 2.83	6.57 2.83	6.57 2.86	6.57 2.52	6.57 2.52	6.57 31	
MAXIMUM	6.39	6.64	7.20	8.40	7.40	6.70	7.22	7.58	7.50	7.33	7.09	6.69	MAXIMUM
MINIMUM	1.90	2.16	2.02	1.87	2.10	2.05	2.37	2.19	2.80	2.39	2.33	2.19	MINIMUM

E = Estimated
NR = No Record

CREST STAGES											
DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE

A Strong winds affected the normal tidal pattern. Gage heights listed are maximum and minimum stage for day.

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC T & R M D B M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD FROM TO	ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT	DATE					
35 12	121 35 26	SEL	3N	15	1.1	1. 26. 45				

Station located approx. 1.2 mi. below Mokelumne River. Station located in tidal zone.
Maximum gage ht. listed does not indicate maximum discharge.

TABLE B-12 (CONT)
DAILY MAXIMUM AND MINIMUM TIDES
THREEMILE SLough AT SAN JOAQUIN RIVER

STATION NO	WATER YEAR
B05070	19-7

DATE	OCT	NOV	DEC	JAN.	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	DATE	
1	2.78 0.31	2.89 -0.88	3.00 -0.51	2.15 -0.93	4.19 1.43	2.92 -0.30	2.99 -0.72	2.27 -0.53	1.84 -0.01	3.61 0.75	2.91 -0.31	3. -0.		
2	2.98 0.12	3.03 -0.84	4.11 -0.27	2.00 -1.05	4.10 1.28	3.02 -0.50	2.73 -0.68	2.41 -0.41	2.99 0.35	1.96 0.50	3.81 -0.20	3.53 -0.47	2	
3	3.02 -0.01	3.50 -0.79	3.17 0.26	2.00 -1.14	3.96 0.88	3.29 -0.44	2.56 -0.67	2.51 -0.19	3.13 0.40	3.70 0.17	3.62 -0.30	3.41 -0.12	3	
4	2.95 -0.12	3.10 -0.25	3.22 -0.33	2.30 -0.95	3.82 0.61	3.00 -0.66	2.61 -0.39	0.17	3.51 0.43	3.56 -0.09	3.6 -0.10	3.23 -0.12	4	
5	3.07 -0.35	3.03 -0.56	3.38 0.30	3.06 -0.52	3.80 0.38	2.87 -0.89	2.53 -0.38	2.92 0.20	3.89 0.32	4.06 0.11	3.83 -0.41	3.12 -0.31	5	
6	3.21 -0.47	2.82 -0.37	3.66 0.27	2.88 -0.87	3.60 0.15	2.62 -1.01	2.69 -0.12	2.77 0.14	3.56 -0.13	4.16 -0.04	3.70 -0.34	2.89 -0.27	6	
7	2.72 -0.57	2.53 -0.58	3.68 0.45	3.00 -0.95	3.70 0.13	2.72 -0.54	2.64 0.07	2.78 -0.13	3.56 -0.20	4.13 -0.67	3.73 -0.11	3.11 -0.02	7	
8	2.61 -1.01	2.45 -0.42	3.72 0.42	3.07 -0.94	3.43 -0.02	2.75 -0.66	2.76 0.23	2.92 -0.12	3.80 -0.13	4.12 -0.18	3.50 -0.17	3.2 -0.02	8	
9	2.64 +1.02	2.51 -0.40	3.80 0.27	3.12 -0.96	3.36 1.23	3.07 -0.16	2.79 0.14	3.53 0.08	4.04 -0.02	3.94 -0.24	3.26 0.00	3.35 -0.23	9	
10	2.15 -0.81	2.74 -0.35	3.94 0.04	3.06 -0.96	3.09 -0.04	3.07 0.13	2.94 0.15	3.65 -0.07	3.95 -0.13	3.74 -0.36	3.05 0.05	3.55 -0.37	10	
11	3.19 -0.13	3.10 -0.35	3.83 -0.17	3.13 0.69	2.71 -0.08	2.82 -0.17	3.28 0.22	3.46 -0.32	3.79 -0.20	3.27 -0.61	3.05 -0.07	3.27 -0.40	11	
12	2.92 -0.23	3.24 -0.49	3.83 1.34	3.10 -0.76	2.51 -0.22	3.05 0.31	3.25 0.02	3.30 -0.53	3.84 -0.01	3.92 -0.47	3.20 -0.02	3.30 -0.77	12	
13	2.29 -0.76	3.40 0.60	3.93 -0.20	2.73 -0.68	2.66 -0.01	2.86 0.30	3.12 -0.22	3.13 -0.72	3.21 -0.31	3.04 -0.37	3.43 -0.31	2.14 -0.44	13	
14	2.32 -0.88	3.50 -0.53	3.52 -0.09	2.21 -0.82	3.01 0.56	2.77 0.07	3.03 -0.40	2.90 -0.86	3.00 -0.27	3.27 -0.10	3.67 -0.40	3.10 -0.28	14	
15	2.77 -0.30	3.48 -0.51	2.91 -0.37	1.80 -0.95	2.27 -0.11	2.84 -0.02	3.11 -0.36	2.75 -0.90	3.32 -0.10	3.71 0.25	2.30 -0.34	3.14 -0.21	15	
16	2.81 -0.74	3.19 -0.19	2.57 -0.76	1.88 -0.99	2.27 -0.13	3.59 0.52	2.60 -0.71	2.60 -0.77	3.62 0.21	4.07 0.23	3.05 -0.16	3.30 -0.21	16	
17	2.84 -0.83	2.94 -0.64	2.07 -0.78	1.92 -0.92	2.46 -0.38	2.89 -0.10	2.71 -0.27	2.71 -0.61	2.51 0.76	2.49 0.15	2.12 -0.49	3.69 -0.23	17	
18	2.70 -0.92	2.38 -0.75	1.96 -0.93	2.02 -0.68	2.67 -0.50	3.06 0.14	2.67 -0.42	2.67 -0.29	4.15 0.80	4.09 -0.23	3.60 -0.51	2.84 -0.28	18	
19	2.72 -1.06	2.53 -0.85	1.95 -0.96	2.25 -0.57	3.00 -0.54	2.96 -0.06	2.77 -0.37	3.02 -0.11	4.34 0.34	3.96 -0.42	3.56 -0.31	2.71 -0.17	19	
20	2.83 -0.66	2.72 -0.21	2.38 -0.67	3.10 0.00	2.82 -0.93	2.94 -0.17	2.70 -0.25	3.30 0.27	4.32 0.17	3.88 -0.49	3.61 -0.10	2.79 0.12	20	
21	2.09 -0.67	2.53 -0.25	2.49 -0.33	4.36 0.96	3.01 -0.89	2.97 -0.33	3.13 0.27	3.67 0.31	4.37 0.06	3.91 -0.39	3.43 -0.26	3.51 0.12	21	
22	1.82 -1.14	2.50 -0.29	2.33 -0.58	4.03 0.30	3.13 -0.77	3.14 -0.22	3.30 0.45	3.85 0.09	4.30 -0.02	3.75 -0.33	3.14 -0.06	3.09 0.47	22	
23	1.74 -1.14	2.55 -0.25	2.88 -0.62	4.24 0.41	3.28 -0.55	3.47 0.01	3.51 0.49	4.22 0.24	4.22 -0.09	3.50 -0.37	2.95 -0.08	3.10 0.07	23	
24	1.78 -1.02	2.60 -0.41	3.17 -0.59	5.17 1.28	3.52 -0.19	3.23 -0.10	3.88 0.47	4.41 0.22	4.15 0.05	3.29 -0.48	2.77 0.04	3.50 0.00	24	
25	2.06 -0.71	2.67 -0.56	3.31 -0.64	4.46 0.58	3.18 0.57	3.05 0.28	3.98 0.28	4.39 0.20	4.01 0.10	2.99 -0.56	2.01 0.30	3.26 0.00	25	
26	2.31 -0.32	2.85 -0.69	3.39 -0.69	4.37 1.84	2.63 -0.35	2.94 -0.04	3.93 0.11	4.32 0.07	3.54 -0.05	2.40 -0.53	2.90 0.7	3.20 -0.27	26	
27	2.45 -0.24	2.88 -0.81	3.28 0.98	4.16 0.52	2.42 -0.49	3.05 -0.08	4.08 0.15	3.96 0.09	2.95 -0.27	2.72 -0.28	3.10 0.04	3.21 -0.24	27	
28	2.47 -0.49	3.17 -0.50	3.16 -0.94	4.06 0.43	2.56 -0.55	3.36 0.06	3.81 -0.06	3.68 0.04	2.95 -0.22	2.74 -0.07	3.27 -0.10	3.21 -0.16	28	
29	2.32 -0.90	3.43 1.20	3.29 -1.02	3.75 0.59	3.62 -0.24	3.44 -0.13	3.06 -0.22	3.06 0.20	3.19 0.14	2.96 0.04	3.09 -0.69	3.44 -0.10	29	
30	2.40 -0.01	3.47 -0.64	3.15 -0.83	3.95 0.68	3.30 -0.35	2.76 -0.60	3.11 -0.18	3.37 0.50	3.33 0.00	3.44 -0.69	3.27 -0.36	3.27 -0.30	30	
31	2.64 -0.97	2.67 -0.80	4.47 1.70	3.62 -0.24	2.92 -0.06	2.92 -0.06	3.42 -0.20	3.42 -0.20	2.47 -0.20	2.35 -0.45	2.35 -0.45		31	
MAXIMUM	3.21	3.50	4.11	5.17	4.19	3.52	4.38	4.41	4.37	4.15	3.93	3.61	MAXIMUM	
MINIMUM	-1.14	-0.88	-1.02	-1.14	-0.93	-1.01	-0.72	-0.90	-0.31	-0.63	-0.69	-0.77	MINIMUM	

E - Estimated
NR - No Record

CREST STAGES											
DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE

MAXIMUM DISCHARGE									
LOCATION	MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			REF. DATUM
	LATITUDE	LONGITUDE	1/4 SEC T & R M D B & M	OF RECORD		DISCHARGE	GAGE HEIGHT ONLY	PERIOD FROM TO	
				CFS	GAGE HT				
Station located on Sherman Island, 4.9 mi. S of Rio Vista. Station located in tidal zone. Maximum gage ht. listed does not indicate maximum discharge. Maximum of record is maximum recorded stage - record not complete in December 1955.	38 05 15	121 41 00	SE1/4 4N 3S	5.9	4/6/58	JUN 29-1958	1/4 1	1941	USCG
								1959	USCG
								1959	USED
								1964	USCG
								1964	USCG

TABLE 8-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES
SAN JOAQUIN RIVER AT ANTIOCH

STATION NO B95020	WATER YEAR 1967
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(in feet)

DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	DATE
1	2.88 -0.32	3.00E 0.63E	3.90 -1.07	2.24 -1.49	4.25 0.98	3.12 -0.81	3.01 -1.23	2.28 -1.15	2.95 -0.30	3.43 0.32	3.84 -0.84	2.24 -1.09	1
2	3.10 0.21	3.10E -1.26E	4.25 -0.83	2.15 -1.59	4.12 0.81	3.18 -1.02	2.71 -1.16	2.49 -0.90	1.81 0.05	3.59 0.03	2.27 -0.79	3.60 -1.21	2
3	3.17 -0.46	3.48 -1.20E	3.22 -0.26	2.20 -1.58	4.01 0.40	3.32 -0.89	2.56 -1.16	2.04 -0.66	3.07 -0.07	1.89 -0.36	3.98 -0.90	3.52 -1.11	3
4	3.04 -0.58	3.11 -0.73	3.18 -0.85	2.50 -1.28	3.88 0.09	3.13 -1.18	2.64 -0.90	2.69 -0.27	3.45 -0.09	3.56 -0.65	3.93 -1.01	3.30 ^a -1.07	4
5	3.11 -0.00	3.00 -1.03	3.51 -0.01	3.23 -0.99	3.89 -0.15	2.92 -1.42	2.63 -0.90	2.98 -0.22	3.76 -0.28	3.97 -0.57	3.94 -1.06	3.27 -0.66	5
6	3.18 -0.96	2.90 -0.81	3.79 -0.15	3.05 -1.40	3.67 -0.44	2.71 -1.57	2.76 -0.63	2.75 -0.37	3.52 -0.78	4.08 -0.70	3.95 -0.98	3.01 -0.76	6
7	2.74 -1.00	2.61 -1.01	3.82 0.01	3.16 -1.52	3.77 -0.88	2.83 -1.10	2.73 -0.47	2.77 -0.68	3.65 -0.83	4.12 -0.77	3.76 -1.05	3.24 -0.50	7
8	2.64 -1.14	2.60 -0.86	3.86 -0.17	3.22 -1.54	3.52 -0.64	2.88 -1.22	2.70 ^b -0.27	2.93 -0.68	3.80 -0.80	4.11 -0.87	3.64 -0.78	3.30 ^b -0.54	8
9	2.73 11.49	2.67 -0.82	4.00 -0.38	3.26 -1.57	3.45 -0.66	3.11 -0.74	2.83 -0.30	3.51 -0.55	4.02 -0.68	3.95 -0.81	3.37 ^b -0.60	3.45 -0.77	9
10	2.23 -1.28	2.92 -0.82	4.11 -0.61	3.21 -1.56	3.16 -0.66	3.15 -0.39	2.89 ^b -0.42	3.65 -0.77	3.91 -0.79	3.74 -1.03	3.21 ^b -0.48	3.57 ^b -0.80	10
11	3.20 -0.63	3.27 -0.88	3.97 -0.63	3.27 -1.33	2.77 -0.76	2.82 -0.67	3.35 ^b -0.34	3.42 -1.00	3.77 -0.83	3.27 ^b -1.24	3.21 ^b -0.47	3.33 ^b -0.81	11
12	3.03 -0.71	3.41 -1.06	3.96 -0.85	3.23 -0.55	2.55 -0.16	3.16 -0.18	3.24 ^b -0.57	3.24 ^b -1.07	3.00 -0.74	2.93 -1.06	3.33 ^b -0.56	3.10 ^b -1.20	12
13	2.44 ^b -1.23	3.54 -1.10	4.01 -1.22	2.85 -1.24	2.75 -0.63	2.06 ^b -0.13	3.09 ^b -0.10	3.05 ^b -1.32	2.81 ^b -0.90	3.07 ^b -0.78	3.53 ^b -0.78	3.13 ^b -1.00	13
14	2.53 -1.40	3.63 -1.07	3.59 -0.73	2.31 -1.33	3.01 -0.17	2.80 ^b -0.39	3.00 ^b -0.95	2.93 ^b -1.41	2.06 ^b -0.81	3.35 ^b -0.49	3.75 ^b -0.98	2.10 ^b -0.87	14
15	2.98 ^b -1.27	3.57 -0.69	2.96 -0.95	1.91 -1.42	2.27 -0.40	2.89 ^b -0.58	3.05 ^b -0.73	2.60 ^b -1.41	3.32 ^b -0.60	3.70 ^b -0.78	3.56 ^b -0.92	3.58 ^b -0.71	15
16	2.98 ^b -0.35	3.25 -0.99	2.60 -1.33	2.00 -1.41	2.27 -0.42	3.67 ^b -0.14	2.55 ^b -1.10	2.55 ^b -1.27	3.68 ^b -0.20	4.00 ^b -0.30	2.37 ^b -0.72	3.41 ^b -0.63	16
17	2.97 ^b -1.34	2.97 -1.14	2.12 -1.27	2.04 -1.25	2.46 ^b -0.67	2.85 ^b -0.54	2.76 ^b -0.61	2.16 ^b -1.11	4.21 ^b -0.26	4.21 ^b -0.51	3.74 ^b -1.05	3.20 ^b -0.50	17
18	2.70 ^b -1.43	2.40 -1.22	2.12 -1.32	2.12 -0.69	2.64 ^b -0.85	2.05 ^b -0.33	2.66 ^b -0.78	3.03 ^b -0.15	4.37 ^b -0.15	2.20 ^b -0.55	2.70 ^b -1.11	2.13 ^b -0.51	18
19	2.77 ^b -1.55	2.53 -1.26	2.05 ^b -1.25	2.35 ^b -0.89	3.00 ^b -0.99	2.10 ^b -0.51	2.75 ^b -0.91	2.43 ^b -0.30	2.53 ^b -1.10	3.03 ^b -0.65	3.76 ^b -0.83	2.12 ^b -0.93	19
20	2.85 ^b -1.32	2.60 ^b -0.55	2.46 ^b -0.90	3.10 ^b -0.42	2.84 ^b -1.46	2.87 ^b -0.7	2.72 ^b -0.87	3.47 ^b -0.25	3.07 ^b -0.50	3.02 ^b -1.10	3.70 ^b -0.51	2.60 ^b -0.37	20
21	2.10 ^b -1.12	2.56 ^b -0.66	2.60 ^b -0.53	4.48 ^b -0.57	3.07 ^b -1.49	2.95 ^b -0.82	3.12 ^b -0.30	3.74 ^b -0.33	4.41 ^b -0.46	4.00 ^b -1.01	3.51 ^b -0.73	3.52 ^b -0.68	21
22	1.57 ^b -1.57	2.63 ^b -0.66	2.42 ^b -1.00	4.03 ^b -0.35	3.26 ^b -1.41	3.16 ^b -0.51	3.32 ^b -0.17	3.04 ^b -0.50	4.35 ^b -0.78	3.70 ^b -0.84	3.21 ^b -0.51	3.75 ^b -0.29	22
23	1.91 ^b -1.55	2.74 ^b -0.55	3.00 ^b -1.11	4.26 ^b -0.29	3.46 ^b -1.19	3.52 ^b -0.68	3.50 ^b -0.18	4.32 ^b -0.81	4.26 ^b -0.98	2.00 ^b -0.53	3.22 ^b -0.33	3.25 ^b -0.35	23
24	1.90 ^b -1.42	2.79 ^b -0.86	3.28 ^b -1.12	5.22 ^b -0.61	3.76 ^b -0.83	3.34 ^b -0.79	3.43 ^b -0.27	4.50 ^b -0.60	4.11 ^b -0.92	3.27 ^b -1.07	2.00 ^b -0.33	3.15 ^b -0.13	24
25	2.18 ^b -1.09	2.85 ^b -1.04	3.41 ^b -1.22	4.57 ^b -0.11	3.37 ^b -0.99	3.19 ^b -0.66	4.02 ^b -0.50	4.43 ^b -0.63	4.01 ^b -0.56	2.95 ^b -1.06	2.06 ^b -0.67	2.88 ^b -0.39	25
26	2.30 ^b -1.73	3.02 ^b -1.21	3.57 ^b -1.30	4.51 ^b -0.17	2.81 ^b -1.05	3.11 ^b -0.57	3.00 ^b -0.77	4.30 ^b -0.67	4.54 ^b -0.77	2.67 ^b -1.11	2.41 ^b -0.73	3.22 ^b -0.26	26
27	2.57 ^b -0.5	3.03 ^b -1.37	3.41 ^b -1.56	4.28 ^b -0.24	2.62 ^b -1.04	3.24 ^b -0.67	4.12 ^b -0.71	3.07 ^b -0.65	2.96 ^b -0.80	2.83 ^b -0.93	3.11 ^b -0.95	3.17 ^b -0.65	27
28	2.63 ^b -0.90E	3.32 ^b -1.01	3.27 ^b -1.05	4.15 ^b -1.26	2.77 ^b -0.60	3.50 ^b -0.77	3.01 ^b -0.77	3.66 ^b -0.70	2.90 ^b -0.73	2.81 ^b -0.90	3.20 ^b -0.52	3.21 ^b -0.90	28
29	2.50 ^b -1.32E	3.51 ^b -1.22	3.43 ^b -0.68	3.87 ^b -0.07	3.73 ^b -0.77	3.30 ^b -0.71	3.00 ^b -0.77	3.00 ^b -0.77	3.00 ^b -0.16	3.00 ^b -0.12	3.00 ^b -0.19	3.20 ^b -0.11	29
30	2.50 ^b -1.40F	3.50 ^b -0.94	3.26 ^b -1.41	3.95 ^b -0.05	3.70 ^b -1.04	2.72 ^b -0.67	2.66 ^b -0.67	3.25 ^b -0.23	3.24 ^b -0.35	3.24 ^b -0.35	3.40 ^b -0.14	3.60 ^b -0.07	30
31	2.70 ^b -1.32F	2.79 ^b -1.39	4.54 ^b -1.55	4.54 ^b -0.13	3.06 ^b -0.73	3.06 ^b -0.41	2.85 ^b -0.41	3.06 ^b -0.73	3.06 ^b -0.11	3.06 ^b -0.11	3.06 ^b -0.07	3.06 ^b -0.11	31
MAXIMUM	3.20	3.63	4.25	5.22	4.25	3.73	4.12	4.25	4.14	4.14	3.8	3	MAXIMUM
MINIMUM	-1.57	-1.37	-1.66	-1.51	-1.40	-1.57	-1.23	-1.41	-2.00	-2.28	-2.2	-2	MINIMUM

E-Estimated
NR-No Record

CREST STAGES											
DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC T & R M O B A M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF DATUM
			CFS	GAGE HT	DATE			FROM	TO		
37.1	121 48 UC	SW18 3N 2E	6.2	15 30 S		J N E 1964-1967		1/44	1/47	3.72	3.61
								1/46	1/49	3.72	3.61
								1/51	1/57	3.72	3.61
								1/57	9/71	3.72	3.61
								1967	9/6	3.72	3.61
								1967	6/27	3.72	3.61
								1964	10/11	3.72	3.61
								1964	10/31	3.72	3.61

Station located in pump house on wharf at city water works immediately N of Antioch. Station located in tidal zone. Maximum gage ht. listed does not indicate maximum discharge.

TABLE B-12 (CONT)
DAILY MAXIMUM AND MINIMUM TIDES
SUISUN BAY AT BENICIA

STATION NO	WATER YEAR
E03300	1967

DATE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	DATE
	13.04 8.48	13.23 7.43	13.99 7.54	12.49 6.91	13.94 8.81	13.48 7.68	13.05 7.14	12.16 7.42	12.84 9.05	13.20 9.23	13.60 7.96	13.63 7.45	1
2	13.24 8.46	13.19 7.51	14.32 8.13	12.51 7.21	13.78 8.42	13.42 7.53	12.63 7.44	12.28 7.77	12.97 9.33	13.34 8.54	13.73 7.64	13.72 7.27	2
	13.26 8.23	13.34 7.77	13.26 7.54	12.62 8.30	13.79 8.00	13.38 7.66	12.51 7.37	12.54 8.09	13.24 8.68	13.48 7.98	13.93 7.50	12.41 7.25	3
4	13.07 7.98	13.07 11.02	13.32 11.16	12.95 7.93	13.63 7.49	13.17 7.27	12.67 7.59	12.76 8.59	13.49 8.40	13.84 7.61	14.05 7.61	13.61 7.33	4
	12.94 7.85	12.79 7.70	13.59 8.84	13.51 7.74	13.74 7.27	12.97 7.00	12.83 7.61	12.76 8.72	13.44 7.87	14.04 7.36	12.52 7.26	13.57 7.63	5
6	12.84 10.72	13.00 7.99	13.87 8.57	13.42 7.16	13.65 6.98	12.83 6.77	12.83 7.85	12.71 8.17	13.52 7.22	14.10 7.19	14.16 7.40	13.28 7.90	6
	12.71 7.86	12.70 7.88	13.88 8.55	13.49 8.89	13.78 8.89	12.97 8.05	12.94 7.00	12.90 8.05	13.78 7.86	13.65 8.98	13.98 7.32	13.44 8.17	7
8	12.70 7.42	12.89 7.89	13.84 7.76	13.60 6.77	13.61 6.83	13.08 7.23	12.94 8.31	12.12 7.62	12.46 6.97	14.13 6.94	13.80 7.62	13.55 7.90	8
	12.91 7.34	13.08 7.99	14.03 7.36	13.61 6.69	13.54 6.98	13.36 7.72	12.90 8.03	13.34 7.52	13.96 7.00	14.03 6.95	13.40 7.88	13.61 9.41	9
10	13.36 7.47	13.38 7.89	14.19 7.02	13.58 6.71	13.23 7.22	13.55 8.40	13.05 7.96	13.65 7.19	13.90 8.92	13.78 8.90	13.38 8.17	13.54 7.82	10
	13.17 7.87	13.78 7.66	14.13 6.70	13.60 6.96	12.85 7.35	13.35 8.02	13.42 7.93	13.28 6.83	13.77 6.99	13.31 6.88	13.44 8.55	13.31 7.76	11
12	12.89 7.94	13.86 7.34	14.07 6.76	13.51 7.15	12.63 8.12	13.38 8.61	13.24 7.52	13.20 6.68	13.69 7.36	13.03 7.28	13.56 8.30	13.40 7.44	12
	12.63 7.38	13.99 7.25	14.13 6.99	13.08 7.24	12.82 8.90	13.19 8.81	13.06 7.43	12.95 6.67	13.18 7.23	13.28 7.79	13.68 8.03	13.46 7.61	13
14	13.10 7.23	14.01 7.34	13.64 6.91	12.46 7.35	12.90 6.78	13.10 8.50	13.02 7.38	12.72 6.86	12.86 7.60	13.56 8.55	13.81 7.62	13.47 7.62	14
	13.50 7.24	13.86 7.89	13.08 6.70	12.18 7.52	12.23 9.08	13.04 8.26	13.05 7.76	12.61 7.06	13.27 8.06	13.95 8.56	13.93 7.67	13.38 7.60	15
16	13.53 7.15	13.39 7.47	12.69 7.10	12.26 8.00	12.19 8.76	13.75 9.03	12.46 7.53	12.50 7.35	13.70 8.68	14.17 8.14	13.79 7.50	12.71 7.74	16
	13.30 7.14	13.07 7.50	12.22 7.45	12.29 8.69	12.38 8.44	12.83 8.26	12.64 8.20	12.56 7.51	14.10 8.62	14.30 7.62	13.77 7.26	13.28 7.80	17
18	13.00 7.17	12.52 10.70	12.15 7.94	12.30 8.86	12.56 8.15	12.80 8.36	12.73 7.83	12.92 7.70	14.30 8.13	14.11 7.35	12.36 7.24	13.04 7.97	18
	12.87 10.34	12.77 7.65	12.14 9.90	12.44 8.54	12.98 7.62	12.71 8.17	12.75 7.42	13.20 7.87	NR NR	14.09 6.90	13.72 7.40	13.01 8.27	19
20	12.64 7.53	12.95 8.74	12.53 8.55	13.26 8.95	13.01 8.83	12.74 7.75	13.15 7.43	13.73 8.23	NR NR	12.48 6.70	13.65 7.64	13.16 8.74	20
	12.12 7.71	12.76 8.52	12.65 8.76	14.49 9.53	13.19 6.52	12.87 7.08	13.53 7.75	14.06 7.64	NR NR	14.14 6.90	13.54 7.87	13.40 8.78	21
22	11.91 7.33	12.75 8.34	12.58 8.01	13.81 7.87	13.51 6.49	13.17 6.91	13.13 8.02	14.36 7.17	NR NR	14.12 7.05	13.23 8.22	13.22 8.45	22
	12.10 7.44	12.84 8.20	13.15 7.63	14.14 7.57	13.85 6.71	13.50 6.95	13.85 7.74	12.77 7.01	NR NR	13.81 7.13	12.86 8.32	13.26 8.58	23
24	12.27 7.64	12.95 7.79	13.36 7.45	15.14 8.18	14.19 7.20	13.48 7.00	14.21 7.32	14.43 7.65	NR NR	13.38 7.20	12.90 8.62	13.20 8.46	24
	12.50 8.00	13.08 7.52	13.62 7.26	14.57 7.14	13.78 6.99	13.40 7.21	14.27 6.75	14.43 6.75	13.80 7.22	12.90 7.54	12.97 8.94	13.14 11.16	25
26	12.52 8.26	13.28 7.30	13.71 6.94	14.54 7.06	13.19 7.16	13.41 7.51	14.15 6.57	14.25 6.66	13.48 7.24	12.85 7.83	12.82 9.78	13.04 8.45	26
	12.75 8.28	13.29 7.13	13.62 6.68	14.39 7.13	13.09 7.47	13.63 7.36	14.26 6.63	13.87 6.77	12.82 7.61	12.99 9.14	12.85 8.72	12.97 8.27	27
28	12.87 7.99	13.62 7.53	13.55 6.43	14.29 7.46	13.25 7.71	13.89 7.42	13.80 6.67	13.40 7.10	12.82 8.36	12.84 9.23	12.92 9.45	13.14 7.97	28
	12.80 7.48	13.67 7.13	13.73 6.71	13.98 7.68	13.92 7.03	13.27 7.03	12.86 6.83	12.86 7.50	12.97 9.14	12.84 9.14	12.94 8.10	13.24 7.82	29
30	12.83 7.33	13.71 7.24	13.49 6.86	13.75 9.07	13.60 7.10	13.60 7.10	12.62 7.01	12.69 7.98	13.10 9.64	13.10 9.71	13.28 7.76	13.37 7.78	30
	13.06 7.37			12.98 6.89	14.38 9.10		13.72 7.31			12.70 8.56	13.29 8.40	13.47 7.64	13.72 7.25
MAXIMUM	13.53	14.01	14.32	15.14	14.19	13.92	14.27	14.43	NR	14.30	14.16	13.72	MAXIMUM
MINIMUM	7.14	7.13	6.43	6.69	6.49	6.77	6.57	6.65	NR	6.70	7.24	7.25	MINIMUM

E - Estimated
NR - No Record

CREST STAGES											
DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE

LOCATION	MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
	LATITUDE	LONGITUDE	OF RECORD		DISCHARGE	GAGE HEIGHT ONLY	PERIOD		
			CFS	GAGE HT			FROM	TO	
	38 02 26	12d 08 13	SW6 2N 2W	5.7	4/6/58		JUN 29-APR 40	1929 1940	-2.21 USCGS
							APR 40-DATE	1940 1942	-5.00 USCGS
								1942	0.00 USCGS

Station located on inshore side of wharf, immediately SE of Benicia.
Maximum gage height listed does not indicate maximum discharge.
Period of record intermittent from 1929-1940.

TABLE B-13
CONTENTS OF RESERVOIRS

TABLE B-13

CONTENT OF RESERVOIRS
 (IN THOUSANDS OF ACRE-FEET)

WATER YEAR		STATION NO.	STATION NAME
DAY	1967	A21050	SHASTA LAKE NEAR REDDING

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	3259.3	3145.8	3342.1	3158.9	3503.2	3353.5	4118.8	4465.9	4527.1	4432.8	4108.2	3752.9	1
2	3251.4	3143.7	3385.0	3149.1	3483.2	3358.6	4139.0	4467.1	4525.6	4417.9	4097.6	3740.8	2
3	3247.1	3142.5	3414.1	3143.7	3458.7	3363.5	4160.0	4467.4	4522.9	4410.6	4089.2	3728.5	3
4	3247.5	3140.6	3489.4	3145.5	3428.9	3360.0	4182.3	4467.7	4521.5	4399.2	4079.2	3715.1	4
5	3244.9	3139.2	3548.7	3148.4	3353.0	3369.9	4210.9	4470.3	4520.0	4392.5	4061.4	3703.1	5
6	3245.4	3135.5	3518.4	3153.0	3360.3	3370.6	4252.2	4476.2	4518.5	4386.7	4044.6	3691.9	6
7	3243.9	3132.9	3462.5	3155.9	3340.1	3377.5	4274.9	4482.1	4516.1	4378.9	4035.5	3682.7	7
8	3240.8	3132.2	3390.7	3156.3	3333.0	3380.4	4288.9	4495.1	4518.5	4369.6	4024.2	3672.1	8
9	3236.5	3132.0	3315.9	3160.8	3332.6	3387.0	4303.9	4513.8	4520.9	4358.3	4015.4	3666.9	9
10	3234.4	3130.6	3273.7	3165.2	3333.1	3408.7	4324.1	4527.7	4520.0	4348.7	4004.7	3657.8	10
11	3235.1	3132.7	3271.0	3170.6	3333.3	3428.4	4345.8	4535.1	4519.7	4338.3	3995.1	3648.3	11
12	3232.5	3133.4	3266.5	3174.2	3331.9	3442.1	4364.7	4539.6	4520.9	4329.3	3983.1	3640.6	12
13	3231.5	3135.0	3272.0	3176.5	3329.2	3459.0	4372.2	4537.5	4520.0	4322.1	3971.1	3629.7	13
14	3230.8	3147.9	3277.3	3179.8	3331.4	3466.9	4380.6	4535.7	4519.4	4315.2	3959.9	3622.2	14
15	3229.4	3177.3	3280.4	3181.0	3333.3	3481.9	4386.7	4536.0	4517.6	4305.7	3946.0	3616.3	15
16	3222.0	3196.6	3283.3	3184.8	3334.3	3585.1	4389.3	4537.8	4516.7	4291.2	3934.4	3605.3	16
17	3218.7	3204.0	3281.2	3187.6	3333.8	3650.6	4407.1	4542.3	4513.8	4281.5	3921.9	3593.8	17
18	3218.2	3208.5	3277.8	3190.9	3329.4	3702.6	4417.9	4546.7	4510.5	4268.8	3911.7	3586.3	18
19	3217.2	3234.2	3275.9	3200.6	3329.7	3744.2	4428.2	4550.3	4508.7	4258.5	3899.8	3579.2	19
20	3216.8	3296.6	3270.1	3222.0	3331.1	3786.5	4433.9	4550.0	4506.7	4248.8	3885.8	3574.1	20
21	3211.5	3336.7	3256.2	3256.9	3333.1	3823.6	4438.6	4548.2	4502.5	4238.0	3875.9	3568.0	21
22	3205.9	3359.1	3243.7	3275.9	3334.5	3857.2	4444.2	4549.1	4496.9	4220.3	3863.8	3562.1	22
23	3197.8	3366.2	3230.3	3284.0	3335.7	3894.1	4443.3	4547.0	4493.6	4204.4	3852.9	3554.3	23
24	3190.2	3364.0	3221.8	3294.2	3340.4	3926.2	4443.0	4540.8	4489.8	4194.8	3841.7	3545.4	24
25	3184.3	3362.8	3209.6	3302.4	3343.8	3955.3	4448.6	4534.8	4478.9	4186.3	3830.5	3537.3	25
26	3178.4	3359.1	3197.1	3315.4	3347.9	3982.2	4454.5	4529.5	4472.7	4170.1	3820.7	3529.9	26
27	3175.6	3351.3	3185.3	3337.7	3350.3	4005.8	4461.5	4526.8	4466.5	4166.5	3807.4	3523.4	27
28	3169.2	3348.2	3174.9	3386.5	3350.6	4028.9	4465.3	4526.2	4459.2	4159.8	3796.0	3518.1	28
29	3162.4	3343.8	3167.8	3461.5	4050.7	4467.7	4524.4	4452.4	4150.2	3785.4	3512.8	29	
30	3152.3	3337.7	3164.3	3490.7	4077.0	4467.1	4524.4	4443.9	4133.3	3774.6	3505.8	20	
31	3150.5		3163.1	3511.3		4099.2		4523.5		4120.2	3765.0		21
CHANGE	-112.4	+187.2	-174.6	+348.2	-160.7	+748.6	+367.9	+56.4	-79.6	-323.7	-355.2	-259.2	CHANGE
MAX.	3259.3	3366.2	3548.7	3511.3	3503.2	4099.2	4467.7	4550.3	4527.1	4432.8	4108.2	3752.9	MAX.
MIN.	3150.5	3130.6	3163.1	3143.7	3329.2	3353.5	4118.8	4465.9	4443.9	4120.2	3765.0	3505.8	MIN.

WATER YEAR SUMMARY											
MAXIMUM				MINIMUM							
CONTENT	GAGE HT.	MO	DAY	TIME	CONTENT	GAGE HT.	MO	DAY	TIME	FROM	TO
4550.3		S	19	2400	3150.6		11	10	2400	0.00	USCGS

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T & R. M.D.B.&M.	OF RECORD			INFLOW	CONTENT	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
40 43 10	122 25 10	NW15 33N 5W				NOV 42-DATE	NOV 42-DATE	1942		0.00	USCGS

Station located in Shasta Dam 2 mi. below Squaw Creek, 9.5 mi. N of Redding. Usable capacity, 4,377,000 ac.-ft. between elevations 737.75 and 1,065.0 ft. above mean sea level. Not available for release, 115,700 ac.-ft. Records furnished by USBR. Drainage area, excluding Goose Lake Basin, is 6,665 sq. mi.

TABLE B-13 (Cont.)

CONTENT OF RESERVOIRS
 (IN THOUSANDS OF ACRE-FEET)

WATER YEAR		STATION NO.	STATION NAME
	1967	A36170	WHISKEYTOWN LAKE NEAR WHISKEYTOWN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	238.0	237.6	200.8	189.6	218.6	190.9	201.0	204.7	233.5	238.0	238.4	237.1	1
2	238.0	237.1	201.6	189.5	216.3	190.8	199.6	205.0	234.9	237.6	238.5	237.0	2
3	238.0	236.7	202.4	189.5	213.3	190.7	198.3	205.3	236.3	237.1	236.9	237.6	3
4	238.0	237.1	212.5	189.4	210.0	190.6	197.1	204.9	236.4	238.0	237.7	237.6	4
5	238.0	237.3	219.7	189.4	206.4	190.5	196.6	204.9	236.6	237.4	238.2	238.2	5
6	238.0	238.4	222.5	189.5	202.7	190.4	200.0	204.9	237.7	237.4	238.2	238.3	6
7	238.2	237.5	224.0	189.5	199.0	190.5	201.9	205.0	238.8	237.3	238.1	238.4	7
8	238.1	237.1	225.1	189.6	198.2	196.4	202.4	205.2	238.8	237.2	237.8	238.5	8
9	238.1	236.8	224.2	189.6	198.1	196.4	202.4	205.5	238.7	237.3	237.8	238.5	9
10	238.2	236.4	222.8	189.7	198.0	198.0	203.7	204.4	238.6	237.6	237.7	238.6	10
11	238.3	236.2	221.3	189.7	197.9	198.8	205.0	204.6	237.8	237.9	237.9	238.6	11
12	238.2	236.1	219.5	189.8	197.7	199.3	107.1	204.7	237.3	238.0	237.6	238.6	12
13	238.3	236.0	218.1	189.8	197.5	199.7	207.9	204.7	237.5	238.1	237.4	238.4	13
14	238.3	237.3	216.0	189.7	197.2	200.0	208.1	204.4	237.3	238.2	238.1	238.5	14
15	238.3	237.5	211.3	189.8	196.8	200.7	207.8	204.8	237.5	238.2	238.3	238.1	15
16	238.3	235.3	206.4	189.7	196.3	207.5	207.0	205.0	237.8	238.2	236.5	238.1	16
17	238.3	232.2	201.4	189.7	195.7	210.1	207.9	205.4	238.1	238.2	237.3	238.2	17
18	238.3	228.9	196.2	189.7	195.7	210.5	208.8	205.9	237.9	238.2	237.7	238.3	18
19	238.3	227.8	191.9	190.0	195.6	210.4	206.9	206.8	237.9	238.1	237.5	238.6	19
20	238.3	228.8	191.5	191.2	195.5	210.7	204.9	208.4	237.5	238.2	237.4	238.8	20
21	238.3	227.3	190.9	192.9	195.8	210.5	202.7	209.7	237.2	238.1	237.4	238.9	21
22	238.3	225.0	190.4	193.8	196.0	210.3	200.9	212.4	237.9	238.1	237.0	238.8	22
23	238.2	222.2	189.8	194.4	196.2	210.2	199.3	216.4	237.5	238.1	237.2	238.6	23
24	237.6	219.1	189.8	195.7	196.5	209.7	197.3	221.5	237.1	238.1	237.1	238.5	24
25	236.5	215.9	189.7	190.6	196.6	209.1	196.0	225.1	237.9	238.0	237.3	238.2	25
26	236.9	211.9	189.8	198.1	196.8	208.2	196.1	227.5	238.3	237.9	237.5	238.0	26
27	237.4	208.2	189.7	199.7	196.8	207.2	199.4	229.7	237.8	237.9	237.7	238.0	27
28	237.8	204.8	189.7	205.4	196.9	205.8	203.5	231.2	237.4	238.0	237.6	238.2	28
29	238.0	201.2	189.7	212.5	204.3	203.9	231.3	237.8	238.0	237.1	238.3	29	
30	237.8	200.8	189.7	217.3	203.3	204.3	231.5	237.4	238.2	236.9	238.2	30	
31	237.5		189.7	219.5		202.2		231.8		238.3	237.0		31
CHANGE	-0.4	-36.7	-11.1	+29.8	-22.6	+5.3	+2.1	+27.5	+5.6	+0.9	-1.3	+1.2	
MAX.	238.3	238.4	225.1	219.5	218.6	210.7	208.8	231.8	238.8	238.3	238.5	238.9	MAX.
MIN.	236.5	200.8	189.7	189.4	195.5	196.4	196.0	204.4	233.5	237.1	236.5	237.0	MIN.

WATER YEAR SUMMARY

MAXIMUM				MINIMUM					
CONTENT	GAGE HT	MO	DAY	TIME	CONTENT	GAGE HT	MO	DAY	TIME
238.9		9	21	2400	189.4		1	4	2400

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.M	OF RECORD			INFLOW	CONTENT	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT	DATE			FROM	TO		
40 37 03	122 31 31	32N 6W				MAY 63-DATE	MAY 63-DATE	1963		0.00	USCGS
Station located on Clear Creek at outlet works to Spring Creek powerplant, 1.8 mi. downstream from Whiskey Creek, 7.8 mi. NE of Igo. Usable capacity, 241,000 ac.-ft. between elevations 1,100.0 and 1,210.0 ft. above mean sea level. Not available for release, 27,500 ac.-ft.											
Transbasin water enters the reservoir through Judge Francis Carr powerplant and is released through Spring Creek Tunnel to Spring Creek powerplant and Keswick Reservoir. Records furnished by USBR. Drainage area is 200 sq. mi.											

TABLE B-13 (Cont.)

CONTENT OF RESERVOIRS
(IN ACRE-FEET)

WATER YEAR	STATION NO.	STATION NAME
1967	A55527	FRENCHMAN LAKE NEAR CHILCOOT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	37195 E	36752 E	37393	38546 E	40432	42992	52026	56338	57592	56147	54209	47796	1
2	37170 E	36752 E	37530	38558 E	40536	43128	52178	56402	57479	56099	54100	47667	2
3	37133	36739 E	37567	38584 E	40627	43263	52345	56498	57365	56035	53945	47537	3
4	37133	36739 E	37667	38584	40719	43372	52497	56610	57317	55988	53790	47437	4
5	37121 E	36739 E	37892	38609	40784	43467	52650	56706	57317	55924	53619	47351	5
6	37121	36739 E	37979	38622	40863	43576	52819	56866	57285	55892	53403	47294	6
7	37109	36727 E	37992	38647	40941	43685	52987	57140	57236	55845	53203	47222	7
8	37096	36727 E	37992	38647	41007	NR	53187	57543	57220	55813	52987	47136	8
9	37072	36727 E	38092 E	38659	41073	NR	53403	57835	57269	55781	52742	47065	9
10	37059	36727 E	38117 E	38672	41138	NR	53619	58062	57252	55749	52467	46993	10
11	37022	36727 E	38142 E	38685	41230	NR	53805	57949	57301	55733	52208	46922	11
12	36998	36715 E	38168 E	38698	41336	NR	54007	57819	57559	55733	51950	46837	12
13	36948	36715 E	38193 E	38710	41468	NR	54256	57689	57527	55670	51677	46751	13
14	36936	36715 E	38218 E	38723	41600	NR	54521	57673	57430	55638	51451	46680	14
15	36924	36739 E	38243 E	38761	41706	NR	54709	57819	57333	55638	51195	46623	15
16	36911	36801 E	38256	38748	41813	NR	54897	58127	57236	55575	50955	56538	16
17	36899	36862 E	38281	38761	41906	NR	55180	58437	57156	55496	50686	46496	17
18	36887	36924 E	38306 E	38774	42012	NR	55370	58666	57059	55417	50433	46425	18
19	36875	36985 E	38331 E	38786	42106	NR	55559	58797	57011	55338	50195	46383	19
20	36838	37047 E	38356 E	38913	42186	NR	55702	58929	56947	55259	49987	46312	20
21	36838	37109 E	38369 E	39373	42266	NR	55845	59044	56834	5515	49825	46284	21
22	36838	37146 E	38382 E	39398	42360	NR	55924	59093	56754	55086	49677	46269	22
23	36825	37170 E	38394 E	39437	42454	49692	56067	59044	56658	55007	49530	46213	23
24	36813 E	37195 E	38407 E	39539	42534	50061	56131	58896	56610	54929	49324	46199	24
25	36801 E	37220 E	38432 E	39565	42601	50358	56194	58634	56530	54850	49148	46171	25
26	36789 E	37245 E	38445 E	39604	42682	50626	56226	58421	56450	54756	48914	46128	26
27	36789 E	37269 E	38457 E	39642	42776	50880	56258	58225	56370	54693	48695	46114	27
28	36776 E	37294 E	38470 E	39732	42871	51180	56290	58046	56322	54599	48462	46100	28
29	36764 E	37294 E	38495 E	39965		51421	56306	57867	56258	54506	48273	46086	29
30	36752 E	37294 E	38508 E	40172		51662	56322	57689	56210	54412	48100	46044	30
31	36752 E	37294 E	38520 E	40327		51844	57673		54287	47926			31
CHANGE	- 468	+ 542	+1226	+1807	+2544	+8973	+4478	+1351	-1463	-1923	-6361	-1882	UNADJUSTED
MAX.	37195 E	37294 E	38520 E	40327	42871	51844	56322	59093	57592	56147	54209	47796	MAX.
MIN.	36752 E	36715 E	37393	38546 E	40432	42992	52026	56338	56210	54287	47926	46044	MIN.

WATER YEAR SUMMARY

E = ESTIMATED
NR = NO RECORD

MAXIMUM				MINIMUM					
CONTENT	GAGE HT.	MO.	DAY	TIME	CONTENT	GAGE HT.	MO.	DAY	TIME
59093		5	22	2400	36715 E		11	12	2400

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M D B & M	OF RECORD			INFLOW	CONTENT	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
49° 46' 36"	120° 11' 17"	NE33 24N 10E						JAN 62-DATE	1962	5500.00	180G3
Station located at toe of Frenchman Dam on Little East Chance Creek, 7.1 mi. N of Chilcoot.											
Frenchman Dam was completed in Oct. 1961 and storage began in Nov. 1961. The lake has a usable capacity of 54,582 acre-feet between elevations 5517 ft. (invert of intake) and 5588 ft. (crest of spillway). Not available for release, 1,835 acre-feet.											
Fully content given is shown at 2400 hour.											

TABLE B-13 (Cont.)

CONTENT OF RESERVOIRS
 (IN ACRE-FEET)

WATER YEAR		STATION NO.	STATION NAME
	1967	A 55383	LAKE DAVIS NEAR PORTOLA

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			321 E	1669	3491	8163	18371	22229	45895	53470	52011	NR	1
2			412	1682	3802	8329	18512	22373	46325	53438	51980	NR	2
3			503	1692	4114	8514	18639	22592	46671	53407	51919	NR	3
4			579	1694	4415	8634	18766	22866	47018	53345	51827	NR	4
5			634	1708	4686	8712	18877	23143	47718	53313	51735	NR	5
6			711	1715	4944	8799	19022	23591	48129	53282	51643	NR	6
7			776	1721	5168	8914	19135	24313 E	48512	53220	51581	NR	7
8			816	1723	5365	9011	19264	25167 E	48867	53157	51551	NR	8
9			847	1725	5669	9191	19444	25981 E	49344	53095	51490	NR	9
10			880	1725	5849	9392	19641	26751 E	49703	53064	51428 E	NR	10
11			904	1725	6015	9578	19806	27536 E	50184	53033	51367 E	NR	11
12			968	1735	6191	9862	19922	28188	50819	52971	51306 E	50003	12
13			1049	1739	6404	10006	20123	28764	51184	52877	51215 E	NR	13
14			1122	1745	6603	10064	20325	29456 E	51459	52846	51154 E	NR	14
15			1188	1749	6775	NR	20478	30493	51704	52877	51093 E	NR	15
16			1251	1757	6929	NR	20580	31689	51919	52971	51032 E	NR	16
17			1310	1764	7051 E	NR	20820	33056	52134	52939	50971	NR	17
18			1352	1768	7145 E	NR	20958	34314	52412	52877	50940	NR	18
19			1390	1768	7248 E	NR	21052	35528	52815	52815	50880	NR	19
20			1409	1794	7345 E	NR	21148	36719	53002	52753	50819	NR	20
21			1457	1867 E	7443	NR	21305	37907	53157	52660	50758	NR	21
22			1488	1921	7527	NR	21375	39067	53220	52598	50697	NR	22
23			1506	1978 E	7612	16038	21498	40116	53313	52505	50637	NR	23
24			1532	2000	7705	16435	21587	41047	53376	52443	50667	NR	24
25			1556	2034	7816	16783	21675	41828	53407	52381	50697	NR	25
26			1578	2068	7895	17047	21764	42509	53438	52381	50667	NR	26
27			1598	2194 E	8000 E	17269	21924	43140	53470	52258	50637	NR	27
28			1609	2402 E	8105 E	17661	22013	43667	53470	52165	50576	NR	28
29			1626	2633 E		17875	22085	44168	53470	52134	50576	NR	29
30			1638	2920		18090	22157	44617	53470	52073	50455	49165 E	30
31			1655	3202		18261		45381		52011	50425		21
CHNG MAX. MIN.			+1451	+1547	+4903	+10156	+3896	+23224	+8089	-1459	-1586	-1260	CHNG MAX. MIN.
			1655	3202	8105 E	18261	22157	45381	53470	53470	52011	NR	
			321 E	1669	3491	8163	18371	22229	45895	53470	52011	49165 E	

WATER YEAR SUMMARY

MAXIMUM			MINIMUM		
MO.	DAY	TIME	MO.	DAY	TIME
53470	6	27 0315			

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R M D B & M.	OF RECORD			INFLDW	CDNTENT	PERIOD		REF. DATUM
			CFS	GAGE HT	DATE			FROM	TO	
39 53 03	120 28 31	SW1 23N 13E				DEC 66-DATE	1966	5700.00	USCGS	
Station located near left abutment of Grizzly Valley Dam on Big Grizzly Creek, 5.3 mi. N of Portola.										
Grizzly Valley Dam, creating Lake Davis, was completed in September 1967; however, storage by the contractor in order to test the outlet works, began on Oct. 18, 1966. The lake has a usable capacity of 84,043 acre-feet between elevations 5700 ft. (top of low level intake) and 5775 ft. (crest of spillway). Not available for release 108 acre-feet.										
Daily content given is shown at 2400 hr.										

TABLE B-13 (Cont.)

CONTENT OF RESERVOIRS
 (IN ACRE-FEET)

WATER YEAR	STATION NO.	STATION NAME
1967	AS4473	ANTELOPE LAKE NEAR BOULDER CREEK GUARD STATION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	18451	17641	18015	18576	20024	21647	23151	23056	24020	23094	22643	22124	1
2	18418	17625	18097	18551	20120	21729	23122	23056	23952	23066	22625	22096	2
3	18393	17601	18113	18559	20190	21812	23104	23066	23933	23038	22615	22078	3
4	18360	17577	18179	18559	20243	21867	23104	23141	24000	23009	22606	22087	4
5	18327	17593	18327	18551	20296	21931	23104	23198	24087	22990	22587	22069	5
6	18302	17609	18410	18534	20357	21995	23094	23255	24068	22981	22578	22041	6
7	18278	17593	18426	18526	20392	22069	23094	23426	24039	22962	22569	22023	7
8	18253	17561	18443	18509	20445	22133	23094	23664	24039	22943	22550	22004	8
9	18220	17569	18493	18509	20489	22272	23094	23895	24029	22925	22541	21977	9
10	18195	17561	18493	18509	20534	22383	23104	23895	24000	22906	22532	21958	10
11	18171	17537	18501	18509	20578	22541	23104	23779	23972	22878	22522	21922	11
12	18138	17513	18509	18509	20640	22681	23104	23664	24068	22868	22504	21903	12
13	18105	17513	18534	18509	20738	22756	23104	23626	24000	22840	22494	21876	13
14	18080	17504	18568	18509	20800	22784	23122	23636	23923	22821	22476	21848	14
15	18056	17537	18576	18509	20880	22821	23122	23827	23856	22831	22457	21830	15
16	18023	17593	18584	18509	20943	23141	23122	24097	23808	22896	22448	21802	16
17	17999	17601	18584	18493	20997	23321	23113	24310	23760	22887	22429	21802	17
18	17974	17585	18593	18493	21042	23350	23132	24437	23693	22859	22401	21784	18
19	17958	17609	18593	18493	21122	23350	23122	24524	23645	22821	22392	21766	19
20	17917	17763	18593	18609	21176	23350	23104	24602	23588	22803	22374	21738	20
21	17893	17836	18593	18936	21212	23312	23104	24720	23512	22784	22346	21720	21
22	17884	17819	18584	18970	21266	23312	23094	24798	23445	22765	22327	21729	22
23	17844	17795	18593	19004	21312	23350	23085	24857	23388	22746	22299	21711	22
24	17828	17787	18593	19097	21375	23350	23085	24818	23340	22728	22290	21702	24
25	17811	17828	18593	19122	21402	23331	23085	24651	23293	22709	22281	21675	25
26	17779	17803	18593	19173	21465	23283	23085	24524	23245	22700	22262	21656	26
27	17763	17819	18576	19181	21520	23264	23085	24446	23217	22681	22244	21629	27
28	17730	17868	18568	19206	21574	23264	23085	24330	23179	22690	22216	21611	28
29	17706	17933	18568	19549		23226	23075	24252	23151	22671	22198	21602	29
30	17690	17974	18576	19781		23208	23056	24136	23122	22662	22170	21574	30
31	17658		18576	19937		23189		24145		22653	22152		31
CHANGE	- 818	+ 316	+ 602	+ 1361	+ 1637	+ 1615	- 133	+ 1089	- 1023	- 469	- 501	- 578	CHANGE
MAX.	18451	17974	18593	19937	21574	23350	23151	24857	24087	23094	22643	22124	MAX.
MIN.	17658	17504	18015	18493	20024	21647	23056	23056	23122	22653	22152	21574	MIN.

WATER YEAR SUMMARY

MAXIMUM				MINIMUM					
CONTENT	GAGE HT	MO	DAY	TIME	CONTENT	GAGE HT	MO	DAY	TIME
24857		5	23	2400	17504		11	14	2400

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T & R M.O.B.S.M.	OF RECORD			INFLOW	CONTENT	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT	DATE			FROM	TO		
41° 10' 42"	12° 36' 20"	SE22 27N 12E						JAN 6-1-A TE	1964	4 400 10	101
Station located at toe of Antelope Dam on Indian Creek, 1.4 mi. S of Boulder Creek Guard Station, 12 mi. N of Genesee.											
Antelope Dam was completed in July 1964; however, usable storage began on Nov. 5, 1963. The lake has a usable capacity of 22,250 acre-feet between elevations 4950 ft. (tip of intake t-wer) and 4710 ft. (crest of spillway). Not available for release, 274 acre-feet.											
Daily content given is shown at 2400 hr.											

TABLE B-13 (Cont.)

CONTENT OF RESERVOIRS
 (IN THOUSANDS OF ACRE-FEET)

WATER YEAR		STATION NO.	STATION NAME
DAY	1967	A71121	FOLSOM LAKE NEAR FOLSOM

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	651.5	646.2	603.3	564.0	586.2	570.5	630.4	658.4	907.1	1000.6	967.8	892.7	1
2	650.4	644.3	613.0	565.7	580.8	572.1	630.1	656.1	907.4	1001.4	966.2	890.1	2
3	649.2	642.3	625.4	567.3	577.4	573.7	628.2	654.5	907.1	1002.6	964.0	886.4	3
4	648.0	640.3	625.8	569.3	574.7	576.0	625.9	653.3	908.5	1002.0	962.1	882.4	4
5	646.9	638.6	637.8	571.2	569.8	577.5	623.8	652.8	909.6	999.8	959.8	878.4	5
6	645.8	638.6	654.0	570.8	564.3	579.8	625.6	653.3	912.6	998.3	957.2	875.7	6
7	645.7	637.0	637.9	570.1	559.8	583.4	637.6	655.1	915.6	997.9	954.0	871.9	7
8	644.7	635.1	604.4	569.6	558.6	587.3	641.7	661.6	917.9	998.5	951.2	866.0	8
9	643.7	633.1	573.3	570.6	557.5	591.4	643.0	671.5	920.6	998.8	948.3	859.9	9
10	642.9	630.9	565.4	572.6	557.3	595.7	644.6	684.3	922.9	999.2	945.0	852.4	10
11	643.2	628.6	557.4	574.7	556.5	602.8	647.4	693.0	924.2	998.0	943.3	844.9	11
12	643.5	626.4	553.5	576.6	555.5	614.6	648.5	698.1	925.6	997.2	941.9	839.0	12
13	643.5	624.8	552.0	578.7	554.1	628.6	649.1	701.7	929.0	996.9	939.4	832.2	13
14	643.3	623.6	551.2	580.6	554.5	633.1	649.1	706.1	931.6	996.8	937.2	827.1	14
15	643.8	622.2	549.8	582.1	554.3	630.5	649.1	711.9	933.9	996.7	934.9	823.7	15
16	643.1	622.6	548.4	583.4	555.7	667.5	647.8	722.0	938.0	996.3	932.8	822.1	16
17	642.6	623.0	547.7	584.4	557.2	680.7	646.7	735.3	943.2	995.9	930.6	819.8	17
18	642.3	621.8	546.2	585.0	559.4	661.6	650.8	749.6	950.4	996.3	928.4	819.2	18
19	642.8	620.9	545.2	585.5	560.5	648.3	653.6	762.6	956.7	995.7	926.2	818.9	19
20	643.7	623.9	546.7	587.8	561.6	631.4	654.8	777.3	961.6	993.8	923.2	819.1	20
21	645.0	627.5	547.7	627.4	563.1	627.0	656.3	795.7	966.8	992.3	920.2	818.4	21
22	646.1	628.6	550.1	674.4	564.1	629.4	657.1	815.5	972.6	990.7	917.5	818.4	22
23	646.1	625.0	552.2	679.4	564.4	632.9	659.2	834.1	977.7	988.1	915.2	818.2	23
24	646.4	618.9	553.1	682.0	565.9	635.9	662.9	849.9	980.7	985.7	913.3	816.8	24
25	647.2	612.9	553.9	680.5	567.8	635.9	665.2	863.2	984.2	983.8	911.5	814.4	25
26	648.2	606.1	554.5	678.2	568.4	634.4	665.7	874.3	988.2	982.3	908.6	811.3	26
27	649.4	599.7	555.1	675.5	568.8	632.7	666.3	884.8	991.8	981.1	904.5	807.9	27
28	650.1	593.8	556.5	656.3	569.8	631.3	665.6	893.2	995.9	978.9	900.8	804.4	28
29	650.4	599.7	558.3	664.8	630.5	663.5	899.2	997.7	977.0	898.6	801.0	29	
30	650.2	601.6	560.2	645.7	628.6	661.2	903.1	998.3	974.0	896.2	798.6	30	
31	648.0		562.0	620.2		629.6	905.3		970.5	894.1			31
CHANGE	-4.7	-46.4	-39.6	+58.2	-50.4	+59.8	+31.6	+244.1	+93.0	-27.8	-76.4	-95.5	CHANGE
MAX.	651.5	646.2	654.0	682.0	586.2	680.7	666.3	905.3	998.3	1002.6	967.8	892.7	MAX.
MIN.	642.3	593.8	545.2	564.0	554.1	570.5	623.8	652.8	907.1	970.5	894.1	798.6	MIN.

WATER YEAR SUMMARY

MAXIMUM					MINIMUM				
COUNTENT	GAGE HT	MO	DAY	TIME	COUNTENT	GAGE HT	MO	DAY	TIME
1002.6		7	3	2400	545.2		12	19	2400

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T & R. M.D.B.&M.	OF RECORD			INFLOW		CONTENT	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE NT.	DATE	FROM	TO					
38 42 29	121 09 22	NE24 10N 7E				FEB 55-DATE		FEB 55-DATE	1955			
Station located 0.7 mi. below 30. Fork American River, 1.1 mi. N of Folsom. Records turn. by USBR. Drainage area is 1,861 sq. mi.												
Folsom Reservoir has a usable capacity of 1,010,300 acre-feet between elevations 205.5 ft. (invert of lower tier of river outlets) and 466.0 ft. (gross pool elevation), all of which is available for release. Spillway design flood pool elevation is 475.4 ft. (capacity 1,120,200 acre-feet).												
Daily content given, representing usable content, is shown at 2400 hour.												

TABLE B-13 (Cont.)

CONTENT OF RESERVOIRS
 (IN THOUSANDS OF ACRE-FEET)

WATER YEAR		STATION NO.	STATION NAME
DAY	1967	A91200	LAKE BERRYESSA NEAR WINTERS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1384.4	1348.3	1380.8	1474.4	1675.1	1616.4	1631.9	1624.1	1605.0	1587.7	1541.4	1496.5	1
2	1382.6	1347.2	1398.5	1474.2	1669.8	1616.2	1631.1	1621.8	1607.3	1586.5	1539.7	1495.4	2
3	1381.2	1346.9	1404.7	1474.2	1663.7	1615.8	1630.2	1619.7	1608.1	1585.0	1538.0	1494.4	3
4	1379.5	1345.8	1423.9	1474.1	1658.6	1615.4	1629.2	1618.1	1608.7	1582.8	1536.3	1492.9	4
5	1378.8	1344.9	1445.7	1474.1	1654.5	1614.8	1628.8	1616.0	1608.5	1581.5	1534.6	1492.0	5
6	1377.7	1345.3	1454.4	1474.1	1650.4	1614.7	1635.0	1614.8	1608.3	1570.6	1533.1	1491.1	6
7	1376.6	1344.7	1458.3	1473.9	1646.7	1614.1	1635.8	1612.9	1608.3	1577.9	1531.6	1489.4	7
8	1375.7	1344.5	1460.5	1473.9	1643.8	1613.9	1635.8	1612.1	1608.1	1576.7	1530.2	1488.2	8
9	1374.5	1344.2	1465.1	1473.9	1640.5	1613.1	1634.8	1611.9	1607.7	1575.2	1528.9	1486.8	9
10	1373.6	1344.2	1465.7	1473.7	1637.7	1614.8	1655.2	1612.3	1607.1	1573.8	1527.2	1485.6	10
11	1372.1	1343.8	1467.4	1473.9	1635.6	1616.8	1635.2	1612.3	1606.5	1572.5	1525.7	1484.9	11
12	1371.0	1344.0	1468.1	1474.1	1634.2	1621.4	1634.1	1612.3	1606.1	1571.4	1524.2	1484.0	12
13	1369.2	1343.8	1469.4	1474.1	1631.9	1624.0	1632.5	1612.5	1605.6	1569.8	1522.9	1482.8	13
14	1367.8	1344.0	1470.3	1474.1	1629.8	1624.5	1631.5	1612.7	1605.2	1568.3	1521.7	1481.0	14
15	1366.7	1346.2	1470.9	1474.1	1628.2	1625.5	1630.8	1612.7	1604.4	1566.9	1520.2	1480.8	15
16	1365.2	1347.8	1471.8	1473.7	1626.9	1647.5	1629.6	1612.7	1603.8	1565.0	1518.5	1479.3	16
17	1364.2	1347.8	1472.0	1473.5	1625.7	1648.1	1633.5	1612.9	1603.2	1563.3	1517.2	1478.5	17
18	1363.3	1347.6	1472.6	1473.5	1624.7	1646.5	1630.5	1612.7	1602.3	1561.6	1516.1	1478.0	18
19	1362.0	1354.3	1473.1	1473.5	1623.8	1644.2	1638.3	1612.5	1600.9	1560.1	1514.6	1477.0	19
20	1360.9	1366.0	1473.5	1483.2	1622.4	1642.0	1638.1	1612.5	1599.8	1558.4	1513.4	1476.7	20
21	1360.0	1370.8	1473.7	1579.8	1621.2	1640.3	1639.1	1612.1	1599.0	1557.0	1511.9	1475.9	21
22	1358.9	1373.0	1473.9	1596.1	1620.5	1638.1	1639.5	1611.9	1598.0	1555.5	1510.6	1475.2	22
23	1357.8	1373.6	1474.1	1601.3	1619.5	1637.0	1640.9	1611.4	1597.1	1554.0	1508.7	1474.6	23
24	1356.9	1373.9	1474.4	1622.6	1619.1	1635.4	1641.2	1610.6	1595.9	1552.8	1507.0	1474.1	24
25	1355.9	1373.9	1474.6	1628.0	1618.9	1633.7	1638.7	1609.6	1595.0	1551.3	1505.7	1473.3	25
26	1354.8	1373.9	1474.6	1632.7	1618.1	1632.1	1636.0	1608.9	1593.8	1550.2	1504.4	1472.6	26
27	1354.1	1373.9	1474.4	1635.6	1617.8	1630.2	1633.7	1608.1	1592.7	1548.6	1503.1	1471.3	27
28	1352.8	1376.5	1474.4	1642.0	1616.8	1629.4	1631.1	1607.1	1591.5	1547.1	1501.4	1470.3	28
29	1352.1	1378.6	1474.6	1666.3	1627.8	1628.6	1606.1	1590.3	1546.0	1506.0	1469.6	1469.6	29
30	1350.7	1379.5	1474.6	1679.2	1630.4	1626.5	1605.2	1589.0	1544.5	1499.3	1468.5	1468.5	30
31	1349.8		1474.4	1679.6		1632.7		1604.6		1542.9	1498.0		31
CHANGE	-36.3	+29.7	+94.9	+205.2	-62.8	+15.0	-6.2	-21.9	-15.6	-46.1	-44.9	-29.5	CHANGE
MAX.	1384.4	1379.5	1474.6	1679.6	1675.1	1648.1	1641.2	1624.1	1608.7	1587.7	1541.4	1496.5	MAX.
MIN.	1349.8	1343.8	1380.8	1473.5	1616.8	1613.1	1626.5	1604.6	1589.0	1542.9	1498.0	1468.5	MIN.

WATER YEAR SUMMARY								
CONTENS	MAXIMUM			MINIMUM				
	GAGE HT.	MO.	DAY	TIME	GAGE HT.	MO.	DAY	TIME
1079.6	1	31	2400		1343.8	11	11	2400

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M D B. & M	OF RECORD			INFLDW	CONTENT	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FRDM	TO		
38 20 50	122 06 15	NW29 8N 2W						JAN 57-DATE	1957	0.00	USCGS

Station located near center of Monticello dam on Putah Creek, 7.4 mi. W of Winters.
 Records furnished by USBR. Drainage area is 566 sq. mi.

Lake Berryessa has a usable capacity of 1,592,000 ac. ft. between elevations 253.25 ft. (invert of outlet values) and 440 ft. (controlled spillway elevation). Not available for release is 10,340 ac. ft.

Daily content given is shown at 2400 hour.

TABLE B-14
DAILY INFLOW

This table presents the daily inflow rates to Folsom, Shasta, and Whiskeytown Lakes. The daily inflow rates were computed from information about changes in storage, releases, spills, precipitation, and evaporation. The computed values represent the flow at each damsite if the dam were not in operation.

TABLE B-14
DAILY INFLOW
(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
1967	A21051	SIIASTA LAKE NEAR REDDING	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	2860	3780	13830	5200	32720	8130	12540	13530	12930	4920	4070	3580	1
2	787	4360	34080	2440	26520	9370	13270	13470	10550	2220	4950	3360	3
3	2470	4680	27780	4040	24220	8690	13590	13220	10010	6230	5930	3000	3
4	4900	4560	51580	6580	21510	7590	14200	12660	10830	4740	5160	2760	4
5	3370	4070	54010	6360	18720	8360	17120	12600	11030	6910	1280	3470	5
6	4910	3320	24580	6670	16980	6040	24100	13720	10820	7290	1550	3890	6
7	3970	3880	17850	5980	15560	8580	20110	13280	9470	5870	5420	4850	7
8	3160	4920	13140	4620	14460	6950	16860	16350	10830	5320	4420	3680	8
9	2460	4540	9050	6440	13820	7970	17280	19310	10650	4470	5810	6080	9
10	3750	3580	10960	6010	13590	15060	20150	18130	9700	5320	4700	4130	10
11	5010	5160	13010	6530	13010	14200	20920	16190	9470	4850	5410	3750	11
12	3480	4470	11180	5120	12560	11130	18360	16120	10390	5560	3860	5150	12
13	4020	4760	15610	4390	11170	12610	16980	14490	9350	6380	3930	3220	13
14	4460	10290	15330	5040	12720	8150	17330	14530	9440	6540	4270	4510	14
15	3850	18580	13290	3940	12110	11770	15380	15450	9160	5300	3390	5470	15
16	983	13760	12680	5220	11180	55400	13670	16380	9590	2500	4340	2510	16
17	2930	7890	10170	4730	9860	36570	21190	16740	8600	5360	3940	2480	17
18	4560	6410	9530	5040	7500	29290	18890	17310	8420	3690	4820	4140	18
19	4180	16890	10800	8140	10200	24260	18280	17250	9130	4940	4270	3970	19
20	4340	34860	10750	13740	10120	24490	16690	17830	8770	5220	3040	5020	20
21	3180	24400	6760	19970	9560	21800	16200	17370	7740	4640	5240	4320	21
22	3380	16790	7510	12870	7980	20110	16330	17900	7410	1180	3970	4430	22
23	1970	10860	7070	7480	8060	22100	14330	17580	8210	2210	4490	5330	22
24	3110	9720	8420	8050	9440	19500	14160	16240	7880	5210	4330	2940	24
25	4020	9160	6820	7170	9150	18010	16570	14910	4940	5940	4280	3380	25
26	3480	7920	6510	9420	9280	16600	16800	13840	7060	4930	4930	3790	26
27	5290	5900	6410	14160	8340	15380	17120	13510	6600	5430	3440	4130	27
28	3010	8170	6070	30010	7540	14820	16280	13270	6060	6770	3960	4200	28
29	2910	7550	6130	57180	13580	14920	12770	6820	5270	4210	4450	29	
30	1350Δ	7260	6940	44230	16470	14110	12090	5640	1680	4220	3520	30	
31	5090		6790	45470		13770		12090		3850	4720		31
MEAN	5459	9083	14660	12007	15496	16347	16793	15165	8916	4863	4269	3917	MEAN
MAX.	5290	34860	34080	57180	32720	55400	24100	19310	12930	7290	5930	6080	MAX
MIN.	787	3320	6070	2440	7500	6040	12540	12090	4940	1180	1280	2480	MIN
AC. FT.	212820	540480	901770	738290	749510	1005120	998090	932490	530540	298990	262510	233080	AC FT

WATER YEAR SUMMARY

MEAN DISCHARGE 10230	MAXIMUM DISCHARGE	GAGE HT	MO	DAY	TIME	MINIMUM DISCHARGE	GAGE HT	MO	DAY	TIME
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TOTAL ACRE FEET 7403690

A - 25 hour Day
B - 23 hour Day

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE		
LATITUDE	LONGITUDE	I 4 SEC T & R MDB&M	OF RECORD			INFLOW	CONTENT	PERIOD		REF. DATUM
			CFS	GAGE HT	DATE			FROM	TO	
40 43 10	122 25 10	NW15 33N 5W				NOV 42-DATE	NOV 42-DATE	1942		0.00
The figures contained herein are computed inflow to Shasta Lake and take into account change in storage, release, spill, precipitation and evaporation. They are representative of the natural flow which would pass the damsite (9.5 miles north of Redding) if the dam had not been constructed. Records furnished by USBR. Drainage area, excluding Goose Lake Basin, is 6,665 square miles.										
Shasta Lake has a usable capacity of 4,377,000 acre-feet between elevations 737.75 and 1,065.0 feet above mean sea level. Not available for release, 115,700 acre-feet.										

TABLE B-14 (Cont.)

DAILY INFLOW

(IN CUBIC FEET PER SECOND)

	WATER YEAR	STATION NO.	STATION NAME
	1967	A36171	WHISKEYTOWN LAKE NEAR WHISKEYTOWN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	3149	1808	1629	815	3202	919	1485	1269	3821	3325	2939	3110	1
2	3119	1818	2072	813	2472	874	1409	1194	3758	3391	2943	3050	2
3	3117	2622	1806	801	2126	881	1459	1242	3633	3572	2153	3363	3
4	3112	2467	5805	788	1983	870	1504	1251	2850	3313	3238	3254	4
5	3105	3087	4364	789	1888	778	1880	1309	3101	2896	3280	3291	5
6	3101	3141	2110	821	1816	880	3830	1339	3553	3075	3021	3236	6
7	315b	2028	1515	847	1787	897	3031	1407	3554	3056	2824	3234	7
8	3082	2110	1243	824	1563	866	2358	1551	3590	2893	2834	3233	8
9	3098	3012	1233	837	1477	889	2142	1840	3529	2936	3005	3201	9
10	3128	3321	1235	827	1446	1739	2423	1622	3547	3053	2842	3327	10
11	316b	3375	1194	839	1425	1350	2828	1454	3179	3004	3088	3326	11
12	3095	3469	1227	831	1365	1196	2368	1326	3332	3021	3011	3327	12
13	3150	3545	1360	815	1383	1119	2140	1277	3473	2986	2876	3233	13
14	3132	4307	1422	794	132b	1092	2025	1256	3524	2964	3199	3287	14
15	3062	3713	1327	821	1254	1304	1888	1227	3445	2958	2932	3305	15
16	3125	2498	12b9	792	1229	4389	1733	1319	3451	2960	2328	3407	16
17	3127	2064	1198	789	1195	2957	2527	1987	3449	2960	3256	3301	17
18	3135	2010	1139	795	1128	21b2	1937	1925	3226	2990	3267	3436	18
19	3135	3082	1041	916	1144	1841	1962	2148	3347	2917	2920	3477	19
20	3137	4150	919	1449	1019	2045	1852	1885	3422	2972	3014	3435	20
21	1874	2873	881	1055	1040	1859	1695	1749	3448	2941	2929	3416	21
22	1495	2475	855	1243	1037	1811	1727	2457	3354	2946	2847	3365	22
22	1465	2229	875	1113	1019	1840	1655	3132	3411	2952	3132	3375	23
24	282	2125	832	1435	1088	1676	1734	3637	3409	2965	2959	3418	24
25	81	2075	839	1222	1013	1610	2023	3625	3351	2919	3112	3324	25
26	1133	1723	813	1555	992	1470	1461	3701	3393	2923	3281	3354	26
27	1465	1838	747	1011	976	1435	2748	3649	3343	2973	3161	3404	27
28	1433	2013	717	3000	952	1385	3184	3431	3386	3017	3179	3505	28
29	1501	1928	702	537b		124b	1348	3071	3371	2833	3003	3503	29
30	14b2A	2938	695	4862		1614	1374B	3131	3397	2889	2947	2911	30
31	1457		709	4738		1544		3186		2863	3181		31
MEAN	2454	2661	1412	1467	1441	1501	2058	2084	3422	3008	2990	3316	MEAN
MAX.	3166	4307	5805	537b	3202	4389	3830	3701	3821	3391	3281	3477	MAX.
MIN.	81	1723	695	788	952	778	1348	1194	2856	2833	2153	2911	MIN.
AC. FT.	151020	158370	86820	90190	80020	92310	122330	128130	203620	184980	183870	197290	AC.FT.

WATER YEAR SUMMARY

MEAN DISCHARGE 2319	MAXIMUM DISCHARGE	GAGE HT	MO	DAY	TIME	MINIMUM DISCHARGE	GAGE HT	MO	DAY	TIME	TOTAL ACRE FEET 1678950
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A - 25 Hour Day
B - 23 Hour Day

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1 4 SEC. T & R M D B & M	OF RECORD			INFLOW	CONTENT	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT	DATE			FROM	TO		
40 37 03	122 31 31	32N 6W				MAY 63-DATE	MAY 63-DATE	1963		0.00	USCGS

The figures contained herein are computed inflow to Whiskeytown Reservoir and take into account change in storage, release, spill, precipitation and evaporation. Records furnished by USBR. Drainage area is 200 sq. mi.

Whiskeytown Reservoir has a usable capacity of 241,100 ac.-ft. between elevations 1,100.0 ft. and 1,210.0 ft. above mean sea level. Not available for release, 27,500 ac.-ft.

TABLE B-14 (Cont.)

DAILY INFLOW

(IN CUBIC FEET PER SECOND)

WATER YEAR		STATION NO.	STATION NAME
	1967	A71121	FOLSOM LAKE NEAR FOLSOM

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	568	669	4230	3010	14340	3350	7880	6160	9050	9590	2720	2720	1
2	610	636	8930	2900	10400	3380	7360	6100	8030	8850	2610	1890	2
3	500	616	11550	2840	8330	3360	6520	6420	7440	9020	2710	1570	3
4	509	590	5520	3080	6870	3150	6370	6870	7770	8110	2640	1370	4
5	573	738	11810	3130	5760	2870	6430	7220	9150	7240	2490	1400	5
6	622	1570	16220	1980	5040	3120	8410	7650	9330	6780	2660	2140	6
7	1080	743	10670	1830	5770	3420	13500	8680	9100	5950	2400	2420	7
8	603	585	8160	1990	5750	3570	9510	10450	9130	5490	2400	2360	8
9	621	497	4700	2750	5410	3590	8090	12380	9200	5520	2520	2290	9
10	543	460	4390	2870	4920	3710	8310	13930	8980	5120	2390	1490	10
11	1120	343	3740	2980	4750	4980	8800	11890	8780	4420	2450	1420	11
12	1050	433	3250	2670	4610	7310	7960	9970	8790	3800	2560	1880	12
13	819	674	3360	2800	4450	9060	7750	9350	9560	4170	2240	1850	13
14	772	955	3310	2400	5280	7440	7590	9350	9390	4290	2550	1810	14
15	1140	873	2920	2140	5080	6200	7620	10430	9500	4320	2480	1880	15
16	557	1750	2850	2200	4800	28300	6780	12510	10210	4160	2420	1920	16
17	660	1950	3240	2130	4670	31700	6960	14470	11360	4340	2510	1540	17
18	702	1450	2830	1910	4720	17780	9520	14740	12310	3810	2430	2320	18
19	1150	1690	2550	1990	4150	13490	8880	14170	11800	3640	2410	1980	19
20	1260	3390	3380	2820	3910	10960	8130	14900	11070	2980	2040	2190	20
21	1490	3960	3110	21040	3970	9530	8390	16710	11050	3200	1960	1900	21
22	1410	3670	3160	25080	3570	9540	7920	17470	11550	3120	2200	2170	22
23	863	2270	3030	8300	3410	10060	8580	17090	11140	2640	2380	2180	22
24	794	1280	2440	8880	3840	9890	9420	15580	10050	2730	2440	1550	24
25	1010	1050	2370	7210	4000	8330	8680	14770	10340	2980	2450	1080	25
26	1130	821	2340	7050	3350	7560	7890	13730	10550	2950	2140	622	26
27	1250	848	2340	9260	3240	6900	7760	13020	10310	3120	1410	461	27
28	1000	1130	2800	10440	3560	6800	7280	12090	10590	2690	2040	410	28
29	856	6760	3000	27050		7070	6410	11200	9390	2860	2400	485	
30	711A	4460	2970	21600		6570	6270B	10370	8700	2420	2330	1030	20
31	554		2970	23240		8010		9520		2210	2410		21
MEAN	856	1562	4779	7080	5284	8419	8032	11587	9787	4597	2380	1678	MEAN
MAX.	1490	6760	16220	27050	14340	31700	13500	17470	12310	9590	2720	2720	MAX
MIN.	500	343	2340	1830	3240	2870	6270	6100	7440	2210	1410	410	MIN
AC. FT.	52670	92950	293830	435330	293450	517690	477440	712440	582390	282680	146360	99820	AC FT

WATER YEAR SUMMARY

MEAN DISCHARGE 5508	MAXIMUM DISCHARGE	GAGE HT.	MO	DAY	TIME	MINIMUM DISCHARGE	GAGE HT.	MO	DAY	TIME
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TOTAL ACRE FEET 3987050

A - 25 Hour Day

B - 23 Hour Day

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T & R. M.O.B.&M.	OF RECORD			INFLOW	CONTENT	PERIOD		REF. GAGE DATUM
			CFS	GAGE NT.	DATE			FROM	TO	
38 42 29	121 09 22	NE24 ION 7E				FEB 55-DATE	FEB 55-DATE	1955	0.00	USGS

The figures contained herein are computed inflow to Folsom Reservoir and take into account change in storage, release, spill, precipitation, and evaporation. They are representative of the natural flow which would pass the damsite (2.3 mi. NE of Folsom) if the dam had not been constructed. Records furnished by USBR. Drainage area is 1,861 sq. mi.

TABLE B-15

CORRECTIONS AND REVISIONS TO PREVIOUSLY PUBLISHED REPORTS

This tabulation includes corrections and revisions to bulletins of Surface Water Flows published from 1924 to date.

These publications are:

- Report 1 "Report of Sacramento-San Joaquin Water Supervision".
Published from 1924 through 1955.
- Report 2 Bulletin No. 23, "Surface Water Flow".
Published from 1956 through 1962.
- Report 3 "Flood Flows and Stages in Sacramento and Northern San Joaquin Valleys".
Published from 1913 through 1956.
- Report 4 Bulletin No. 130 "Hydrologic Data: Vol. II: Northeastern California".
Published from 1963 to date.

Table B-15
CORRECTIONS AND REVISIONS TO PREVIOUSLY PUBLISHED REPORTS OF SURFACE WATER DATA

Report	Page	Mile & Bank	Location of Error or Revision		Change or Revision	
			Name	Item	From	To
<u>1924</u>						
1	114.1R	114.2L	A. Linggi	General Acreage	40	30
1	114.2R	Morse and Langdon	General Acreage	135	120	
1		Table 71	Total General Acreage	104269	104244	
1	114.2R	Morse and Langdon	Add to table 1924 Diversions			
			May		69	
			June		35	
			July		35	
			Total		139	
			General Ac.		120	
<u>1925</u>						
1	70	Table 67 - Sacramento River, Redding to Sacramento	1925 General Acreage	76200	77300	
			Total Acreage	134200	135300	
1	6.7D	Amedee Morone	General Acreage	40	70	
ca 11	70.1L	J. H. Yates	General Acreage	35	53	
		Table 72	Total General Acreage	76222	77270	
<u>1926</u>						
1	20.95R	Hershey Estate	Diversions June	216	-	
			July	388	216	
			Aug.	130	388	
			Sept.	-	130	
1	221.0R	Johnson & Coates	Diversion July	168	158	
1		Table 74	Total Diversions Apr., May, June	31327 206864 234116	31328 206871 234108	
<u>1927</u>						
1	56.65R	J. M. Miller	General Acreage	50	41	
1	56.65L	Phil B. Arnold	General Acreage	80	82	
1	194.5L	R. R. Howell	Diversions May	11	4	
			June	9	11	
			Aug.	20	16	
			Sept.	6	5	
			Total	69	59	
1		Table 15	Total Diversions Apr., May, June, July, Aug., Sept., Total	138283 204360 167378 207785 191346 107103 1060209	138284 204352 167380 207784 191343 107102 1060199	
			Total General Acreage	136914	136910	
		Maxwell I. I. (Plant #6)	Diversion July	964	800	
<u>1928</u>						
1		Table 84	Footnote (3)	May 19	May 18	
<u>1929</u>						
1		56.65R	General Acreage	50	41	
1		56.65L	General Acreage	80	82	
1		194.5L	Diversions May	11	4	
			June	9	11	
			Aug.	20	16	
			Sept.	6	5	
			Total	69	59	
1		Table 15	Total Diversions Apr., May, June, July, Aug., Sept., Total	138283 204360 167378 207785 191346 107103 1060209	138284 204352 167380 207784 191343 107102 1060199	
			Total General Acreage	136914	136910	
		Maxwell I. I. (Plant #6)	Diversion July	964	800	
<u>1930</u>						
1	56.75L	J. G. Gaulart	General Acreage	38	33	
1		Table 15	Footnote (4)	Total	12000	
1	56.75L	Wm. Menzel Meat Co.	General Acreage	110	82	
1	56.75L	Table 14	Total General Acreage	96577	96547	
1	56.75L	Butte Slough Irr. Co., Ltd. (West Bypass Pit of Sutter bypass)	Add to table Diversions June, July, Aug., Sept., Total	239 312 384 441 1430	239 312 384 441 1430	
<u>1931</u>						
		All Diversions Tables	Total Diversion Heading	April to Oct.	March to Oct.	
1	70.8R	Table 15	General Acreage	1500	-	
			Rice Acreage	-	1500	
1		Table 15	Total General Acreage	141505	141500	
1	56.75R	Butte Slough Irr. Co., Ltd. (West Bypass Pit of Sutter bypass)	Diversions Apr., May, June, July, Aug., Sept., Oct., Total	- 239 372 384 441 - 1430	826 3142 2935 1919 2456 1665 218 13161	
1	56.75L	Pacific Highway Orchards Tract	Total Diversions	165	166	
1	56.75L	Table 15	Total General Acreage	40454	24683	
			Total Rice Acreage	41359	37079	

Table B-15 (Cont.)

CORRECTIONS AND REVISIONS TO PREVIOUSLY PUBLISHED REPORTS OF SURFACE WATER DATA

Report	Page	Mile & Bank	Location of Error or Revision		Change or Revision			
			Name	Item	From	To		
<u>1932</u>								
1	41		Table 2d	Footnote (1)	Total	8701	Total	12
	71	154.8R	Princeton-Columbia-Glenn I. L.	General Acreage		2153		2161
	72	240.2L	Wm. Menzel Meat Co.	General Acreage		120		110
1	102	13.9R	Mary Deterding	Total Acreage		35		70
1	152		Table 6o	Total Acreage		2848		2843
<u>1934</u>								
1	76	56.95L	G. W. Stretter	Rice Acreage		300		298
1	82	240.2L	Wm. Menzel Meat Co.	General Acreage		155		139
1	82		Table 23	Total General Acreage		93783		37653
				Total Rice Acreage		56516		56504
<u>1935</u>								
	40	36.5R	Collier Brothers	General Acreage		61		62
	48		Table 2y	Total General Acreage		16493		96488
<u>1936</u>								
1	50	2.3L	R. D. 531 (R. C. Ingram)	Diversions April		-		235
				May		-		623
				June		-		654
				Total		2243		3755
1	57		Table 35	Total Diversions Apr.		895		1130
				May		8-15		5638
				June		7289		7443
				Total		48,28		56340
	61	24.0L	Alicia Mutual Water Co.	General Acreage		771		761
	62		Table 37	Total General Acreage		23990		23980
<u>1937</u>								
1	51	38.7L	W. J. DeJarnett	General Acreage		285		315
1	54		Table 32	Total General Acreage		100536		100866
1	60	2.4R	N. Sacramento Land Co.	General Acreage		35		25
1	67		Table 39	Total General Acreage		3313		3343
<u>1938</u>								
1	49	65.2R	R. D. 100 (Wilkins Clough)	General Acreage		449		439
1	55		Table 35	Total General Acreage		35595		35585
1	56		Table 36	Footnote (5)		10" unit		14" unit
1	61	4.55L	Ralph W. Flock	General Acreage		50		75
1	62		Table 34 - Knights Landing Ridge Put	General Acreage		230		255
1	62		Table 39	Total General Acreage		6688		6713
<u>1939</u>								
1	72	43.1R	River Farms Co. (R. D. 2147 Plant)	General Acreage		52.2		44.40
				Rice Acreage		2803		2083
1	80		Table 56 - Knights Landing to Wilkins Clough	Total General Acreage		13120		12458
1	84	94.3R	Tuttle Land Co.	General Acreage		(8) 418		(8) 458
1	84		Table 56 - Colusa to Butte City	Footnote (8)				Change to: Includes 7 acres N. W. Brown lands and 20 acres W. D. DeJarnett lands.
1	85		Table 56 - Colusa to Butte City	Total General Acreage		68.2		6842
1	86	154.8R	Glenn-Colusa I. L.	General Acreage		40524		40154
1	87		Table 56	Footnote (5)		785 acres outside		785 acres of rice outside
1	87		Table 56 - Butte City to Red Bluff	Total General Acreage		58185		57810
1	88		Table 56 - Sacramento to Redding	Total General Acreage		158768		157711
1	90	4.5N*	R. E. Hughes (Sam Arnold)	Total Diversions		2242		2442
1	100	11.0R	Hallwood Irrigation Co.	General Acreage		4724		4727
1	100		Table 62	Total General Acreage		6642		6645

Table B-15 (Cont.)

CORRECTIONS AND REVISIONS TO PREVIOUSLY PUBLISHED REPORTS OF SURFACE WATER DATA

Report	Page	Mile & Bank	Location of Error or Revision		Change or Revision	
			Name	Item	From	To
<u>1940</u>						
1	75		West Coast Life Ins. Co.	Mile & Bank Diversion Aug.	21.7L 4	21.7R 41
1	78	59.85R	R.D. 108 (Steiner Bend Plant)	General Acreage	360	370
1	78		Table 61 - Knights Landing to Wilkins Slough	Total General Acreage	7318	7775
1	85	246.3R	John Diestelhorst	Diversions Sept. Oct. Total	168 10 255	b 4 82
1	85		Table 61 - Red Bluff to Redding	Total Diversions Sept. Oct. Total Av. Cu. Ft./second Sept. Oct. Total	21172 17191 116052 356 239	21012 17185 115866 353 238
1	85		Table 61 - Sacramento to Redding	Total Diversions Sept. Oct. Total Av. Cu. Ft./second Sept. Oct. Total Total General Acreage	119951 43988 1062630 2016 715 2187 119730	119791 43982 1062464 2013 716 2186 120191
1	88	3.9R	R. D. 1004	Change Note	Plant Dismantled	No Diversions
1	92		Table 65	Footnote (8)	90 from well	60 from well
1	95	48.3L	E. F. Biggs	General Acreage	362	352
1	95		Table 66	Total General Acreage	30117	30107
1	97	4.2R	C. Swanston & Sons	General Acreage	173	160
1	98		Table 68	Total General Acreage	861	846
<u>1941</u>						
1	85	49.7L	G. J. Glenn	Correct name	G. J. Glenn	Glenn J. Hiat
1	91		Table 62 - Colusa to Butte City	Total Diversions April Total	15 16903	1 1690
1	94		Table 62 - Sacramento to Redding	Total Diversions April Total	5274 1150115	527 115011
1	105	55.1L	Hearst Estate	Diveralona Total	740	70
<u>1942</u>						
1	96	154.8R	Glenn-Colusa I. D.	General Acreage	30579	3064
1	97	196.6L	S. & E. Erickson	General Acreage	36	32
1	97		Table 69 - Butte City to Red Bluff	Total General Acreage	47696	4776
1	98		Table 69 - Sacramento to Redding	Total General Acreage	111226	11125
1	107	18.75R	G. C. Shannon	General Acreage	24	1
1	108		Table 74	Total General Acreage Total Rice Acreage	38477 25177	251 3847
<u>1943</u>						
1	93	81.9R	Steidlmayer Bros.	General Acreage	860	70
1	93	87.7R	Swinford Tract Irr. Co.	Total Diversion	260	2
1	93		Table 71 - Wilkins Slough to Colusa	Total Diveralon April May June July Aug. Sept. Oct. Total Av. Cu. Ft./second April May June July Aug. Sept. Total Monthly Use in % of seasonal May June July Aug. Sept. Total Total General Acreage	24118 72132 64403 68480 68837 35620 125 333715 405 1174 1081 1114 1120 599 686 21.6 19.3 20.6 20.6 29580	272 793 739 783 787 405 1 3783 41 12 12 12 12 6 7 21 19 20 20 2941

Table B-15 (Cont.)

CORRECTIONS AND REVISIONS TO PREVIOUSLY PUBLISHED REPORTS OF SURFACE WATER DATA

Report	Page	Mile & Bank	Location of Error or Revision		Change or Revision		
			Name	Item	From	To	
<u>1945 (cont.)</u>							
1	96	Table 71 - Sacramento to Redding	Total General Acreage	10105	10134		
			May	10105	10134		
			June	10175	10278		
			July	10175	10278		
			Aug.	10175	10278		
			Sept.	10175	10278		
			Oct.	10175	10278		
			Total	10175	10278		
			Ave. Ft. second April	10175	10278		
			May	10175	10278		
			June	10175	10278		
			July	10175	10278		
			Aug.	10175	10278		
			Sept.	10175	10278		
			Oct.	10175	10278		
			Total	10175	10278		
			Monthly Use in % of seasonal				
			April	4.5	4.5		
			May	11.5	16.1		
			June	11.5	16.1		
			Aug.	22.7	30.4		
			Sept.	13.7	13.7		
			Oct.	3.7	3.6		
			Total General Acreage	126206	126106		
1	101	10.0R	A. Davis Estate	Mile & Bank	(+)	(6)	
1	101	11.9L	Mrs. Belle Metre	Footnote (4)		Delete (+)	
1	101	37.0L	W. H. C'Hair	Diversion Aug.	771	774	
1	108	17.5L	Plumas Mutual Water Co.	General Acreage			
1	109		Table 76	Total General Acreage			
1	142		Table 102	Ave. Ft. for Month March	10105	312600	
1	148		Table 108 - Colusa Basin Drainage to Sacramento River at Knights Landing	Mean May		170	
				June	175	343	
				July	105	204	
				Aug.	177	354	
				Sept.	3.8	751	
				Oct.	115	209	
<u>1946</u>							
1	T-55		Runoff in Acre-Feet	October	5105	10130	
1	T-98-2	1.35R	Capital Company	General Acreage	335	325	
1	T-98-2	14.1L	Elkhorn Mutual Water Co.	Rice Acreage	2869	2868	
1	*T-98-3		Harms Bros.	Mile & Bank	10.5R	18.0R	
1	T-98-3		Table 98 - Sacramento to Verona	Total General Acreage	571	571	
				Total Rice Acreage	11657	11656	
1	T-98-2	42.0R	El Dorad Ranch (Lake)	General Acreage	507	450	
				Rice Acreage	507	450	
1	T-98-6		Table 98 - Knights Landing to Wilkins Slough	Total General Acreage	10105	10130	
				Total Rice Acreage	14400	14404	
1	T-98-5	14.3R	Tuttle Land Co.	General Acreage	297	15	
1	T-98-10		Table 98 - Colusa to Butte City	Total General Acreage	447	437	
1	T-98-11	154.8R	Glenn-Colusa I. D.	Rice Acreage	36221	36223	
1	T-98-11	154.8R	Provident Irrigation District	General Acreage	1157	830	
				Rice Acreage	1552	588	
1	T-98-11		Footnote (8)	General Acreage	33	43	
1	T-98-12		Table 98 - Butte City to Red Bluff	Total General Acreage	614	44343	
				Total Rice Acreage	620	56222	
1	T-98-13		Table 98 - Sacramento to Redding	Total General Acreage	111671	111633	
				Total Rice Acreage	122243	122194	
1	T-99-2	22.0R	Henry Jameson Estate	Rice Acreage	16	300	
1	T-99-2		Table 99 - Colusa Trough	Total Rice Acreage	4487	-68	
1	T-100-1	1.45R	River Farms Co.	Footnote (1)		Delete (1)	
1	T-100-1	24.6L	H. H. Balsdon	General Acreage	125	45	
1	T-100-2		Table 100	Total General Acreage	365	385	
<u>1947</u>							
1	64		Table 36	Footnote	Table	Total 10-3+	
1	105	43.1R	R. D. 2047	General Acreage	14400	131	
1	105	60.4L	F. L. Burrell	Rice Acreage	12	10	
1	105		Table 109 - Knights Landing to Wilkins Slough	Total General Acreage	19701	1657	
				Total Rice Acreage	13034	12004	

Table 3-15 (Cont.)
CORRECTIONS AND REVISIONS TO PREVIOUSLY PUBLISHED REPORTS OF SURFACE WATER DATA

Report	Page	Mile & Bank	Location of Error or Revision		Item	From	To
			Name	Description			
<u>1946</u>							
					General Acreage		
		141, L	W. T. D. J. Darnett Inventoried	Inventoried	Rice Acreage	1,000	
1			Total 110 - Butte City to Red Bluff	Total Inventoried	Total General Acreage	1,100	
1	11		Butte City - Diverted to Packing	Av. Cu. Ft. per min July	Total Rice Acreage	4,110	
				Total diversion	Total General Acreage	1,100	
1	11	11, L	B. L. M. Pit - Miles Pa.	Total diversion	Total Rice Acreage	1,100	
	11	11, R	Kenneth Lee	Rice Acreage		2,000	3,000
1	11		Total 110	Total Rice Acreage		3,500	4,200
	11	11, N (1,75)	E. H. Christensen (Male ranch)	Footnote (6)	Diversion June	1,030	
1	11	11, R	Walter Raymondi	Total	Total June	6,940	
1	11		Table 110	Total diversion June	Total	1,100	
				Total diversion Total	Total	1,100	
<u>1946</u>							
1	107	Opp. 11	Capital City (Butte City)	General Acreage		100	
1	107	141,L	Elkhorn Mutual Irrigation	General Acreage		48	
1	107		Total 110 - Diverted to Vine	Total General Acreage		1,100	
1	107	17, L	Nashville Lumber Company	Rice Acreage		(6) 500	
1	107	Opp. R	J. L. Browning	General Acreage		210	
1	107		Table 110	Footnote (6)	573 miles and 301 acres of beans	1,100 miles and 301 acres beans	5 miles and 301 acres beans
1	107	110, L	S. U. Bedjarnett - Miles Packing Co.	General Acreage		174	180
1	107		Table 110 - Wilkins Cough to Red Bluff	Total General Acreage		1,000	1,100
1	108	110, L	R. V. 1104	Total Diversions		3,100	
1	108		Table 110 - Calvert to Butte City	Total Rice Acreage		844	1,000
1	108	110, 7R	Butte City Ranch	General Acreage			
1	108	123, R	Princeton-Columbia Glenn I.L.	Footnote (6)	General Acreage	Total	
1	108	124, R	Provident I. L.	Footnote (8)	General Acreage	Total	
1	108		Table 110	Footnote (16)	April Incl Red	April n - incl	
1	108	154, R	Princeton-Columbia Glenn I.L.	General Acreage		2,4	21,3
1	108		Rice Acreage			3450	3551
1	11		Table 110 - Butte City to Red Bluff	Total Diversions July		12,400	12,400
				Total		72,600	72,600
				Av. Cu. Ft. sec 2nd July		117	117
				Total General Acreage		3,34	3,500
				Total Rice Acreage		531.5	5320
1	11	Opp. 110, R	C. C. Budd	Total Diversions			
1	11	Opp. 110, R	Anderson-Cottonwood I. C.	July			
1	11		Table 110	Total Diversions July		3,100	4,100
				Av. Cu. Ft. sec 2nd July		555	555
				Total General Acreage		117,50	117,50
				Total Rice Acreage		12,413	12,413
1	11	Opp. 7, 20, R	Charles Welch	General Acreage		200	
1	110		Walter McGowan (15)	Footnote (15)	Mile & Bank	Opp. 20, R	Opp. 20, R
1	11		Table 110	Total General Acreage		400	250
1	#111		River Farms Company	Mile and Bank		2,050	1,100
<u>1947</u>							
1	67		Table 110 - Y-1 By-Pass near Woodland	Runoff in Acre-Ft et	Jan.	367	721
					Feb.	9099	1601
					Mar.	10727	2128
					Apr.	535	1010
					May	1450	2940
					June	774	1540
					July	1592	3160
					Aug.	1367	273
					Sept.	1827	3621
					Oct.	431	857
					Nov.	235,6	463
					Dec.	315,7	626

Table B-15 (Cont.)

CORRECTIONS AND REVISIONS TO PREVIOUSLY PUBLISHED REPORTS OF SURFACE WATER DATA

Report	Page	Mile & Bank	Location of Error or Revision		Change or Revision	
			Name	Item	From	To
1947 (ntd.)						
1	61	0.2L	Table 36, Le Ivanetti	Add name "Le Ivanetti" to table		
1	154.8R	Glen-Colusa I. I.	General Acreage			
1		Table 93 - Butte City to Red Bluff	Total General Acreage			
1	97	Table 93 - Sacramento to Redding	Total General Acreage	1431		
1	97	Table 93 - Sacramento to Redding	Total General Acreage	1431		
1	39	33.5R	Davis Estate	Following names General Acreage Rice Acreage	(1) (1) (1)	(1) (1) (1)
1948						
1	60	Table 104 - Back Burn & Pit	1948 Diversions			
1	104	18.0R	Joe Alvar & Sons	Diversions July Total	112	
1	104	Table 105 - Sacramento to Verona	Total Diversions July Total Av. Cu. Ft., second July Total Monthly use in % of seasonal	34234 137292 557 283 Mar. May July Aug. Sept.	34234 137292 557 283 7.6 17.1 24.4 21.7 17.2	5.32 1512 56 54
1	106	Table 105 - Wilkins Slough to Colusa	Footnote (p)	All additional	Inclu-	
1	107	70.4R	Hofman, Beckley, R'tchle, Poundstone & Denny	Rice Acreage	40	40
1	107	Table 105 - Wilkins Slough to Colusa	Footnote (k)		10	
1	108	Table 105 - Wilkins Slough to Colusa	Total Rice Acreage	33203	2343	
1	110	Table 105 - Sacramento to Redding	Total Diversions July Total Av. Cu. Ft., second July Total Total Rice Acreage	36701 1593474 5947 3279 128314	36701 1593474 5947 3279 128314	100.50 100.1 1.20 328 124.97
1	111	Walter McGowan	Mile & Bank Rice Acreage	Opp. 21.-	21.4R	
1	111	Table 106 - Colusa Trough	Total Rice Acreage Footnote (a)	4745 11.8R	479 11.7R	
1	112	0.3L	River Farms Company	Diversions Mar. April May June July Aug. Sept. Total	4404 34 846 178 516 1593 3431 26014	44 38 38 17 511 19 33 2002
1	112	Table 107	Total Diversions Mar. April May June July Aug. Sept. Total Av. Cu. Ft., second Mar. April May June July Aug. Sept. Total	4537 1810 17659 12195 20392 15261 10433 82997 74 30 287 205 332 248 175 170	573 150 9698 11055 15197 1327 732 59086 9.3 18 158 178 257 225 123 122	
1	112		Monthly use in % of seasonal	5.5 2.2 21.4 14.8 24.8 18.5 12.6	5.5 1.2 16.4 17.7 26.7 23.4 12.4	
1	114	13.2R	Lower Butter Creek, Reclamation District #1004	Add Name & Diversion No. & Size of Pump Monthly Diversions Mar. Apr. May June July Aug. Sept. Oct. Total General Acreage		Gravity 200 300 65 650 700 500 600 400 4400 (q)

Table 3-15 (Cont.)
CORRECTIONS AND REVISIONS TO PREVIOUSLY PUBLISHED REPORTS OF SURFACE WATER DATA

Report	Page	Mile & Bank	Location of Error or Revision		Change or Revision	
			Name	Item	From	To
<u>1948 (contd.)</u>						
1	111		Table 111	Total Diversions Mar. Apr. May June July Aug. Sept. Oct. Total	594 106 2376 342 6936 652 5449 344 2100 27616	594 106 2376 342 6936 652 5449 344 2100 27616
				Av. Cu. Ft. second Mar. Apr. May June July Aug. Sept. Oct. Total	6 13 39 117 106 82 58 34 7	5 13 39 117 106 82 58 34 7
				Monthly Use in % of seasonal		
				Mar. Apr. May June July Aug. Sept. Oct.	1.4 2.3 8.6 26.1 23.6 18.3 12.1 7.6	1.4 2.3 8.6 26.1 23.6 18.3 12.1 7.6
				Footnote (4)		Add to Table: (4) Acreage listed at Sacramento River, Mile 112.1L
1	112	2.75R	No. Sacramento Lands Co.	Diversions July Sept. Oct. Total	No Diversion	1
1	113		American River	General Acreage		5
1	113			Total Diversions July Sept. Oct. Total	1737 130 495 5583	1737 130 495 5583
1	113			Total General Acreage	3628	3633
<u>1949</u>						
1	125	15.1R	J. A. Damron	General Acreage	150	240
1	125		Table 142 - Sacramento to Verona	Total General Acreage	14341	14441
1	125	19.6I (2.08)	Natomas Northern Mutual Water Co.	General Acreage	1508	220
1	125	22.5R	Henry Rich (Keller Plant)	Rice Acreage	78	..
1	126		Table 142 - Verona to Knights Landing	Total General Acreage	5511	628
1	126			Total Rice Acreage	7337	7437
1	131	141.5L	M & T Inc. & Parrott Investment Co.	General Acreage	3468	3469
1	131	146.1R	Leyd & D. A. Hazelton	Diversions Oct. Total	22 104	22 104
1	131	154.8R	Glenn-Colusa I. L.	General Acreage	26128	26150
1	132		Table 143 - Butte City to Red Bluff	Total General Acreage	48721	48722
1	132	246.3R	I. & M. Diestelhorst	General Acreage	24	1
1	132		Table 143 - Red Bluff to Redding	Total General Acreage	15375	1833
1	132		Table 143 - Sacramento to Redding	Total General Acreage	143495	14443
1	132			Total Rice Acreage	137269	137375
<u>1950</u>						
1	7		Table 51 - Fremont Weir from Sacramento River to Yolo Bypass	Discharge Data	Table Revised - Published page 131 1964 report	
1	129		Table 152 - Verona to Knights Landing	Total Av. Cu. Ft./second	145	124
1	130	63.2R	R. D. 108 (Wilkins Slough)	General Acreage	1644	1641
1	#136		Walter McGowan	Mile & Bank	(S) Opp. 21.4R	21.4R
1	131		Table 152 - Wilkins Slough to Colusa	Footnote (o)	Includes 1063 acres irrigated	Additional 96 acres of general crops irrigated
1	132		Table 152 - Wilkins Slough to Colusa	General Acreage	39099	39296
1	132	#88.4L	Ross Wilbur	Change name	Ross Wilbur	Mrs. W.D. DeJarnett

Table B-15 (Cont.)

CORRECTIONS AND REVISIONS TO PREVIOUSLY PUBLISHED REPORTS OF SURFACE WATER DATA

Table 8-15 (Cont.)
CORRECTIONS AND REVISIONS TO PREVIOUSLY PUBLISHED REPORTS OF SURFACE WATER DATA

Report	Page	Mile & Bank	Name	Item	Change or Revision	
					From	To
<u>1953</u> ntj.)						
1	171		Table 14 (cont.)	Daily Fl x June 1 June 2 June 2 June Mean June Runoff in acre-feet Water year total Calendar Year Total	139 146 169 166 1138 5127. 181	146 145 143 142 1138 367. 3213.
1	187		Table 209 - Flow for minimum 10-day period	Sacramento & San Joaquin Delta - 1953	135	130
<u>1954</u>						
1	193		Table 4 - San Joaquin River Delta-Mendota Canal	Deliveries - Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec. Total	5169 5265 6933 114258 52636 173424 146487 1745 107719 5434 15492 498 1045625	5169 5265 6933 114258 52636 173424 146487 1745 107719 5434 15492 498 1045625
				Measured Infl w - Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec. Total	25059 68630 74472 129241 151402 179822 198355 177496 115145 7316 21846 15380 1209224	25059 68630 74472 129241 151402 179822 198355 177496 115145 7316 21846 15380 1209224
				Unmeasured Accretions - Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec. Total	-7086 -36137 -14473 -24495 -23621 -3459 -45417 -32933 -17665 -7854 -4578 -1055 -249933	-7086 -36137 -14473 -24495 -23621 -3459 -45417 -32933 -17665 -7854 -4578 -1055 -249933
1	192		Table 4 - Millerton Lake to Vernalis	Total Unmeasured Accretions - Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec. Total	+9369 +5551 +42325 +3424 +25803 +13606 -22437 -13434 +5044 +7796 +7033 +10262 +130579	+9369 +5551 +42325 +3424 +25803 +13606 -22437 -13434 +5044 +7796 +7033 +10262 +130579
1	146		Table 173 - Knights Landing to Wilkins Slough	Footnote (d)	34.1R	43.1R
1	187		Table 202 - Delta-Mendota Canal	Net Deliveries - Apr. June July Aug. Sept. Nov. Total	99329 147710 162006 149609 97509 9578 855416	99167 146260 161207 148629 97288 9572 851798
				Add footnote *** and reference to "Net deliveries" line	This item does not include deliveries to Panache Water District etc., via Mendota Pool and C.C.I.D. outside canal.	
1	196		Table 218 - Flow for minimum 10-day period	Sacramento and San Joaquin to Delta - 1953 1955	4350	8690
1	*89		Table 116 - Flow of Duck Creek at Farmington	Total Runoff in acre-feet for water year	1538	514.7
1	127	42.3R	El Dorado Ranch	Number & Size of Pump Total Diversion	a 1-14" b 1-16" 1332	i 1-14" j 1-16" 1332
1	#135		Walter McGowan	Mile & Bank	21.4L	21.4R
1	130		Table 179	Av. Cu. Ft./second July	509	492
1	137	37.0L (0.1)	Federal Fish & Wildlife Service	Total Diversion General Acreage	m 140 k 130	q 140 p 130

Table D-15 (Cont.)

CORRECTIONS AND REVISIONS TO PREVIOUSLY PUBLISHED REPORTS OF SURFACE WATER DATA

Report	Page	Mile & Bank	Location of Error or Revision		Change or Revision	
			Name	Item	From	To
<u>1955</u> (contd.)						
1	140		Table 184 - Sutter Bypass & Sacramento Slough	Add footnote (e)	(e) Acreage combined with Mile 1. N	
1	159	4.2R (2.0)	Moundis Farms	Total Diversion	c 1576	b,c 1576
1	159	4.2R (2.0)	H. L. Sorensen	Total Diversion General Acreage	f 915 e 320	e 915 f 320
1	160		Barnes Ranch	Mile & Bank	5/5-24D	5/5-29D
<u>1956</u>						
	25		Table 1+ - Daily Content of Shasta Lake	Monthly Change, in Storage Aug.	+300.3	-300.3
<u>1957</u>						
	68		Table 101 - Reclamation District 1001 Drain into Natomas Cross Canal	Discharge Data	Table revised - Published page 119 of 1958 report	
3	127	51.1R	R. D. 108 (Tyndall Mound)	Divisions May July Total	9284 9406 19965	881 887 3043
	128		Table 206 - Knights Landing to Wilkins Slough	Total Diversions May July Total Av. Cu. Ft./second May July Total Monthly Use in " f seasonal	37440 45500 173100 609 740 356 Apr. May June July Aug. Sept.	29030 36980 156200 472 601 321 8.8 18.6 18.8 23.7 20.6 9.5
3	132	161.45L	Jonathan Garst	No. & Size of Pump	1-6" 2-8" 1-14"	u 1-6" v 2-8" 1-14"
	137		Table 209 - Butte City to Red Bluff	Footnote (d)	Miles "24.2R(1.5W), -5.5L(.1W), 27.5R (0.1) and 27.2R (2.6W)." This acreage also received an undetermined amount of water from Butte Creek.	"Opp. 61.2R(1.5), Opp. 62.8L(2.5), 64.2R(0.1) and Opp. 64.2R(2.6)." This acreage also received additional acre-ft. of water from Butte Creek as follows: Apr. 2880, May 6075, June 4461, July 2850, August 3066, Sept. 2807, and Oct. 924. Nov. 14382
144	246.0R		Anderson-Cottonwood Irrigation District	Total Diversion	151604	(f) 151604
144			Table 210 - C. patient t 144	Total Diversions May July Total Av. Cu. Ft./second May July Total Monthly Use in " of seasonal	319900 394300 1821300 5202 6414 3748 April May June July Aug. Sept.	311200 385800 1804400 5066 6275 513 11.0 17.6 18.7 21.7 19.8 9.9
12	1.2E		Table 214 - Mrs. Mamie M. Smith	Add name & diversion No. & size of Pump Divisions		1-17" No Diversion
140	1.2C		T. H. Richard	No. & Size of Pump		Add 1-18"
130			Sacramento River at Verna	Date of rest	1. 14-5,	1. 15. 5.
<u>1958</u>						
			Sacramento River at Walnut Grove	Maximum Gage Height 1957-58 Water Year	12.4	12.3
31	31.1R		Lois E. Hunt	No. & Size of Pump	bv 1-10"	bv 1-10"
31	.0L		Eva Hunt	No. & Size of Pump	bv 1-8"	bv 1-8"

Table B-15 (Cont.)

CORRECTIONS AND REVISIONS TO PREVIOUSLY PUBLISHED REPORTS OF SURFACE WATER DATA

Location of Error or Revision					Change or Revision	
Report	Page	Mile & Bank	Name	Item	From	To
<u>1954</u>						
	154	Sacramento River Ranch	Mile & Bank		17. R	17. R
#16		Walter McGowan	Mile & Bank		15.4L	58.4E
6		Table 20 - Maximum Observed Salinity at Bay & Delta Salinity Station	Water Year 1954		116	16
<u>1960</u>						
	#11	San Joaquin River at Venice Island	Period of Record	JAN 1 - DATE	01/1 - DATE	
	188	Nat mas Water Company	Total acre-feet diverted			
			Jan.	17.5	1	
			Feb.	1.01		
			March	-298	1	
			April	-1(1)	12.1	
			May	2690		
			June	2611	1	
			July	2.65		
			Aug.	2.81	1	
			Sept.	1299		
			Oct.	1181	1	
			Total	4.76	12.1	
			Av. Cu. Ft./second Jan.	24		
			Feb.	3.		
			March	3.7		
			April	4.6	3	
			May	4.4		
			June	14		
			July	42		
			Aug.	34		
			Sept.	22		
			Oct.	19	34	
			Total	39	36	
			Monthly use in % of seasonal			
			Nov.	8.7		
			Dec.	.1		
			Jan.	6.1		
			Feb.	7.7		
			March	9.1	1.7	
			April	10.7		
			May	10.6	.7	
			June	10.2	1.3	
			July	10.1	1	
			Aug.	8.2	2.7	
			Sept.	5.1	2.7	
			Oct.	4.7		
3	188	San Juan Suburban Water District	Total acre-feet diverted	Jan.	126.	143.
			Feb.	12	1282	
			Mar.	1202	120	
			Apr.	4382	223	
			May	4093	3.92	
			June	1260	.582	
			July	557.		
			Aug.	5.44		
			Sept.	13.49		
			Oct.	1.05	3.44	
			Total	33432	33.02	
			Av. Cu. Ft./second Jan.	60	23	
			Feb.	3	5	
			March	54		
			April	74	3.7	
			May	70		
			June	72		
			July	58	5	
			Aug.	50	70	
			Sept.	23	6	
			Oct.	18		
			Total	46	47	
			Monthly use in % of seasonal			
			Nov.	7.4	.3	
			Dec.	5.3	9.2	
			Jan.	3.6	1.3	
			Feb.	6.7	3.5	
			March	1.8	3.6	
			April	17.1	0.6	
			May	14.5	9.8	
			June	10.8	13.0	
			July	10.7	13.2	
			Aug.	9.1	12.7	
			Sept.	4.0	1.6	
			Oct.	3.3	9.4	
	231	Table 283 - Scott Creek at Upper Lake	Gage Height Data		Table Revised - Publ'shed page 231 1961 report	
<u>1961</u>						
3	38	Clover Creek at Upper Lake	Maximum Discharge for Water Year - Date		12/1/61	12/1/61
3	43	McLeod Lake at Stockton	Period of Record		NOV 13-DATE	NOV 33-DATE
3	#48	Sacramento River at Walnut Grove	Maximum Gage Height of Record - Date		4/4/58	2/8/42 12/24/55 12/25/55

Table B-15 (Cont.)

CORRECTIONS AND REVISIONS TO PREVIOUSLY PUBLISHED REPORTS OF SURFACE WATER DATA

Report	Page	Mile & Bank	Location of Error or Revision		From	To	Change or Revision
			Name	Item			
<u>1961</u> ntd.)							
3	114		Cache Creek above Rumsey	Total Av. Ft. 1-1			
	137		Merritt Slough at Bellota	Mean Jan.	1.1		
				Total Av. Ft. Jan.	1.30		
				Total Av. Ft. Water Year	3.00		
#15	17. R	American River at Fair Oaks	Mile & Bank		1.00		
166	0.8L	T. S. Glide	., N. & S. Pump		1-0"		
166		Table 204 - Putah Creek	Add 1 ft. (1.1)		1-0" + 1 ft		
17c	b 2-20J	Isabella Windmill	Diver. in April		140		
			May		30		
			June		30		
			Total		100		
17f		Total 211 - Miscellaneous Delta Uplands	Total Diversions April		1-0"		
			May		1-0"		
			June		1001		
			Total		1-4"		
			Av. Cu. Ft. second April		1-0"		
			May		200		
			June		200		
			Total		144		
3	17f	Table 211 - Delta Uplands	Total Diversions Nov.		1-10		
			Jan.		1501		
			Feb.		129		
			March		1500		
			April		1470		
			May		730		
			June		1300		
			July		1200		
			Aug.		1100		
			Sept.		1000		
			Oct.		900		
			Total		1240		
			Av. Cu. Ft. second Nov.		37		
			Jan.		30		
			Feb.		12		
			March		3		
			April		1		
			May		1		
			June		11		
			July		15		
			Aug.		11		
			Sept.		7		
			Oct.		3		
			Total		50		
			Monthly use in Calif. seas n.d.				
			March		4.5		
			April		11.0		
			May		13.9		
			June		16.6		
			July		1		
			Aug.		17.0		
			Total		17.0		
<u>1962</u>							
3	27	Table 15 - Water Utilization	T. M. Paine Slough	July	4		
			Total		1		
			Total Water Utilization July		0.01		
			Total		0.01		
3	+98	Table 84 - Feather River near Gridley	Zero ft gage		-3.64		
3	216	0.8L T. S. Glide	N. & S. Pump		1-6"		
3	225	Pescadero Reclamation District 2058 (#3)	Mile and Bank		K 0.38		
			N. & S. Pipe w/ Pump		1-12"		
					1-2"		
					1-24"		
			Monthly Diversions		400		
			Mar.		1600		
			Apr.		1580		
			May		220		
			June		2520		
			July		2300		
			Aug.		1620		
			Sept.		1020		
			Oct.		442		
			Total		12830		
3	225	Table 200 - T. M. Paine Slough	Total Diversions		600		
			Mar.		2234		
			Apr.		224		
			May		30		
			June		30		
			July		11		
			Aug.		11		
			Sept.		7		
			Oct.		7		
			Total		2324		
			Av. Cu. Ft. second				
			Mar.		1		
			Apr.		44		
			May		44		
			June		6		
			July		72		
			Aug.		54		
			Sept.		37		
			Oct.		1		
			Total		32		

Table 3-15 (Cont.)
CORRECTIONS AND REVISIONS TO PREVIOUSLY PUBLISHED REPORTS OF SURFACE WATER DATA

Report	Page	Mile & Bank	Name	Item	Change or Revision	
					From	To
	6	24.08	H. N. Hansen, H. C. Hansen and William Gige	No. & size of Pump	1-15"	1-5"
	7		Table 261 - Delta Uplands (San Joaquin River - Stockton to Vernalis)	Footnote (e)	"Installed a new unit in 1962"	"Replaced a 16" unit."
			Table 264 - Delta Uplands	Total Diversion	Mar. 2541 Apr. 4641 May 1557 June 7282 July 53480 Aug. 7494 Sept. 49630 Oct. 14550 Total 421800	Mar. 2541 Apr. 4641 May 1557 June 7282 July 53480 Aug. 7494 Sept. 49630 Oct. 14550 Total 421800
				Av. Cu. Ft./second	Mar. 41 Apr. 780 May 1066 June 1224 July 1358 Aug. 1419 Sept. 834 Oct. 237 Total 583	Mar. 41 Apr. 780 May 1066 June 1224 July 1358 Aug. 1419 Sept. 834 Oct. 237 Total 583
	*261		Table 264 - Feather River near Gridley	Zero of gage	-3.64	-2.91
	#298		Table 366 - Folsom Lake near Folsom	Water Year Summary Maximum Minimum	1500 1200	1400 1400
				Station Description	"Are shown at 12 noon"	"Are shown at 24 hour"
	#394		Table 367 - Lake Berryessa near Winters	Water Year Summary Maximum Minimum	1200 1200	1200 1200
				Station Description	"Shown is at 12 noon"	"Shown is at 24 hour"
				1/63		
4	B-27		Table 2 - Water Utilization	Tom Paine Slough Total Total Water Utilization Total	21 3083	21 3084
4	B-80		Table 55 - Fremont Weir Spill to Yolo Bypass	Water Year Summary Total Acre-Feet	296800	296800
4	*B-29		Table 65 - Little Last Chance Creek nr Chilcoot	Water Year Summary Discharge Gage Height Month Day Time	805 4.13E 2 1 1400	150 4,43 0 0 1400
4	*B-102		Table 77 - Feather River near Gridley	Zero on gage	1962 50.00 SED 1962 46.36 SCGS	-1.91 1800
4	B-158		Table 133 - Blackwood Creek near Tahoe City	Discharge Data	Table revised - Published page 214 of 1964 report	
4	B-180		Crepps and Middleton	Mile & Bank	10.1N (0.5)	b 10.1N (0.5)
4	B-185	0.8L	T. C. Glide	No. & Size of Pump	1-6	f 1-1-
4	B-186		Table 153 - Putah Creek	Add footnote (f)	(f) Replaces a 16" unit.	
4	B-187	6.3S	Pescadero Reclamation District 2058 (#3)	Monthly Diversions Oct. Nov. Mar. Apr. May June July Aug. Sept. Total	442 122 1120 33 1870 2500 2380 2440 2000 12920	492 135 1200 32 1920 269 2600 2650 2190 14190
4	B-188		Table 154 - Tom Paine Slough	Total Diversions Oct. Nov. Mar. Apr. May June July Aug. Sept. Total	577 122 1690 67 2652 3901 3677 3795 2909 30690	62 13 1811 66 700 1211 387 1035 3022 2196
				Av. Cu. Ft./second Oct. Mar. May June July Aug. Sept. Total	9 28 43 66 60 62 49 29	10 29 44 72 66 66 30 30
4	B-191	12.7L	All Sartai	No. & Size of Pump	1-5	1-5
4	B-192		Table 157 - Delta Uplands (McKeeumne River)	Add footnote (a)	(a) Replaces a 16" unit.	

Table B-15 (Cont.)

CORRECTIONS AND REVISIONS TO PREVIOUSLY PUBLISHED REPORTS OF SURFACE WATER DATA

Report	Page	Mile & Bank	Location of Error or Revision		Change or Revision		
			Name	Item	From	To	
<u>1963</u> (cont.)							
4	*B-196	Table 162 - Delta Uplands	Total Diversions	Oct.	14550	146	
				Nov.	2061	204	
				Mar.	12830	12950	
				Apr.	2832	2831	
				May	37630	37680	
				June	68730	69120	
				July	73620	73840	
				Aug.	75530	75770	
				Sept.	48280	48470	
				Total	342300	344600	
				Avg. Cu. Ft., second	3000	211	
				Mar.	612	613	
				May	115	116	
				June	119	120	
				Aug.	1228	1232	
				Sept.	811	812	
				Total	474	476	
			Monthly use in % of seasonal				
			Dec.		1.1	1.4	
			Mar.		3.7	3.8	
			May		11.0	10.9	
			June		20.0	20.1	
4	*B-210	Table 261 - Sacramento River at Sacramento	Crest Stage:	Date	3.2/63	1 1/63	
				Time	192	213	
				Stage	20.42	20.52	
4	*B-271	Table 237 - Sacramento River at Sacramento	Daily Tides:	Feb. 1			
				Maximum	38.35A	38.52A	
			Month Tides:	Feb.			
				Maximum	38.42	38.52	
			Crest Stages:	Date	2/2/63	2 1/63	
				Time	0920	2130	
				Stage	38.42	38.52	
4	*#B-280	Table 247 - Sacramento River at Rio Vista	Maximum gage ht. of record		10.0	10.2	
4	*B-298	Table 265 - Italian Slough near Byron	Daily Tides:	July 2			
				Minimum	12.42	9.97	
4	*#B-301	Table 268 - Rock Slough at Contra Costa Canal Intake	Datum of Gage		4.3	-3.3	
4	*#B-304	Table 271 - Mokelumne River nr Thornton	Maximum Discharge of Record				
			Gage Ht.		10.4	14.5	
			Date		2/16/62	4/2/63	
4	*#B-310	Table 277 - San Joaquin River at Antioch	Datum of Gage & Addition:				
			Period - From			1957	
			To			1957	
			Zero on Gage			-9.71	
			Ref. Datum			SCGS	
4	*#B-311	Table 278 - Cuisun Bay at Benicia	Maximum of Record Gage Ht.		5.7	6.7	
			Date		4/6/58	3, 5/62	
4	*-1 3 of 3	Location of Surface Water Measurement Stations	Plate Reference		Delta Area Plate 3	Delta Area Plate B-2	
<u>1964</u>							
4	*162	Table B-5 - Feather River below Shanghai Bend	Water Year Summary				
			Mean Discharge		364	364	
4	*307	Table B-11 - Sacramento River at Elkhorn Ferry	Datum of Gage		3.00	-3.00	
4	*#369	Table B-13 - Antelope Lake nr Boulder Creek Guard Station	Date usable storage began		12 17 63	11 25 63	
<u>1965</u>							
4	*17	Table B-5 - Sacramento River at Vina Bridge	Maximum discharge, if Rec'd on		90.7	90.97	
4	*47	Table B-5 - Sacramento River at Vina Bridge	Water Year Summary				
			Mean Discharge				
						Add to Table: The estimated maximum discharge on 12-3/64 is for the main river channel and does not include water bypassing the station on the left bank.	
4	*18	Table B-5 - Sacramento River at Ord Ferry	Water Year Summary				
			Mean Discharge				
						Records of flow in cubic ft. sec. are taken in extension of rating curve & correlated with adjacent gaging stations. If flow is less than 10% of rating, it is set at 10% above the figure.	
4	*	Table B-5 - Feather River below Shanghai Bend	Water Year Summary				
			Mean Discharge			Add to Table: Flow data from late 1964 record are not independent of the 1965 figure of accuracy as they were published in the report to add to the record dates erratically at times.	
4	*19	Table B-5 - Feather River below Shanghai Bend	Water Year Summary				
			Mean Discharge				
	*19	Table B-5 - Feather River below Shanghai Bend	Water Year Summary				
			Mean Discharge				
	*19	Table B-5 - Feather River below Shanghai Bend	Water Year Summary				
			Mean Discharge				
	*19	Table B-5 - Feather River below Shanghai Bend	Water Year Summary				
			Mean Discharge				
	*19	Table B-5 - Feather River below Shanghai Bend	Water Year Summary				
			Mean Discharge				
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			Mean Discharge				
	*19	Table B-5 - Feather River below Shanghai Bend	Water Year Summary				
			Mean Discharge				
	*19	Table B-5 - Feather River below Shanghai Bend	Water Year Summary				
			Mean Discharge				
	*19	Table B-5 - Feather River below Shanghai Bend	Water Year Summary				

Table B-15 (Cont.)

CORRECTIONS AND REVISIONS TO PREVIOUSLY PUBLISHED REPORTS OF SURFACE WATER DATA

Location of Error or Revision						Change or Revision		
Report	Page	Mile & Bank	Name	Item	From	To		
			1965 (contd.)					
4	*161	Opp 23.0R (0.75)	McGowan Brothers	Diversions	May June July Aug. Sept. Total	1160 566 467 0 54 2373	626 51, 595 435 0 5302	
4	*195		Table B-11 - Sacramento River at Vina Bridge	Crest Stages	Date Time Stage	12/23/64 0600 90.79	12/23/64 0600 90.97	
				Maximum Discharge of Record Gage Ht.		90.79	90.97	
4	*229		Table B-11 - Feather River near Gridley	Daily Mean Gage Ht.				
4	*230		Table B-11 - Feather River at Yuba City	Daily Mean Gage Ht. for the period Dec. 25 thru Dec. 30, 1964	No Record	Determined from hourly telemark readings 12/25/64 71. 12/26/64 66. 12/27/64 66.1 12/28/64 62. 12/29/64 58. 12/30/64 55. 12/31/64 55.		
4	*232		Table B-11 - Yuba River near Marysville	Daily Mean Gage Ht.		Add to Table: There was no record daily mean gage height Dec. 25 thru Dec. 30, 1964, due to high flows washing out the orifice outlet of bubbler gage.		
4	*233		Table B-11 - Feather River below Shanghai Bend	Daily Mean Gage Ht.		High flows rated by means of simultaneous current meter measurements of Yuba River near Marysville and Feather River at Yuba City. Record listed is not considered to have the same degree of accuracy as other records published in this report.		
						Record listed is not considered to have the same degree of accuracy as other records published in this report because recorder acted erratically at times.		

* Changes not previously reported.
Same change for previous years.

Appendix C

GROUND WATER MEASUREMENTS

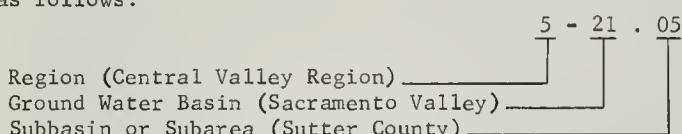


This appendix contains ground water level measurements from 2,539 wells for the period October 1, 1966, through September 30, 1967. It contains hydrographs of selected wells, tables which summarize the measurements and maps showing the elevation of water level in wells.

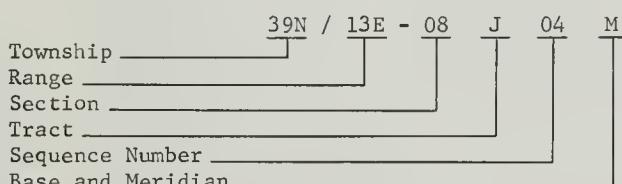
There are 38 ground water basins or areas in the Northern Central Valley Region and the Northern Lahontan Region for which data are reported. Wells are selected to reflect the ground water conditions of the area. These wells are continuously reviewed, and when conditions dictate, replacement wells are located and measured.

Two numbering systems are used by the Department to facilitate processing of water level measurement data. The two systems are the Region and Basin Designation and the State Well Numbering System as described below.

The regions used in this report are geographic areas defined in Section 13040 of the Water Code. That portion of Northern California covered by this report comprises the northern portions of Central Valley Region No. 5 and Lahontan Region No. 6. A decimal system of the form 0-00.00 has been selected according to geographic regions, ground water basins, and subbasins or subareas as follows:



The State Well Numbering System is based on township, range, and section subdivisions of the public land survey. The number of a well, assigned in accordance with this system, is referred to as the State Well Number, as illustrated below:



This number identifies and locates the well. In the example, the well is in Township 39 North, Range 13 East, Tract J of Section 8, located in the Mount Diablo Base and Meridian. A section is divided into 40-acre tracts as follows:

D	C	B	A
E	F	G	H
M	L	K	J
N	P	Q	R

Sequence numbers in a tract are generally assigned in chronological order. The example designates the fourth well to be assigned a number in Tract J.

GROUND WATER BASINS OR AREAS
IN NORTHEASTERN CALIFORNIA

NORTHERN CENTRAL VALLEY REGION

5-1.00 GOOSE LAKE VALLEY
5-2.00 ALTURAS BASIN
5-4.00 BIG VALLEY
5-36.00 ROUND VALLEY
5-5.00 FALL RIVER VALLEY
5-6.00 REDDING BASIN
5-11.00 MOHAWK VALLEY
5-12.00 SIERRA VALLEY
5-13.00 UPPER LAKE VALLEY
5-14.00 SCOTT VALLEY
5-15.00 KELSEYVILLE VALLEY
5-31.00 LONG VALLEY
5-16.00 HIGH VALLEY
5-17.00 BURNS VALLEY
5-30.00 LOWER LAKE AREA
5-18.00 COYOTE VALLEY
5-19.00 COLLAYOMI VALLEY
5-21.00 SACRAMENTO VALLEY
5-21.01 TEHAMA COUNTY
5-21.02 GLENN COUNTY
5-21.03 BUTTE COUNTY
5-21.04 COLUSA COUNTY
5-21.05 SUTTER COUNTY
5-21.06 YUBA COUNTY
5-21.07 PLACER COUNTY
5-21.08 SACRAMENTO COUNTY
5-21.09 YOLO COUNTY
5-21.10 CAPAY VALLEY
5-21.11 SOLANO COUNTY
5-22.00 SAN JOAQUIN VALLEY
5-22.01 MOKELUMNE RIVER AREA
5-22.02 CALAVERAS RIVER AREA
5-22.03 FARMINGTON-COLLEGEVILLE AREA
5-22.05 SOUTH SAN JOAQUIN IRRIGATION DISTRICT
5-22.52 DELTA AREA

NORTHERN LAHONTAN REGION

6-1.00 SURPRISE VALLEY
6-2.00 MADELINE PLAINS
6-3.00 WILLOW CREEK VALLEY
6-4.00 HONEY LAKE VALLEY
6-5.00 TAHOE VALLEY
6-5.01 SOUTH TAHOE VALLEY

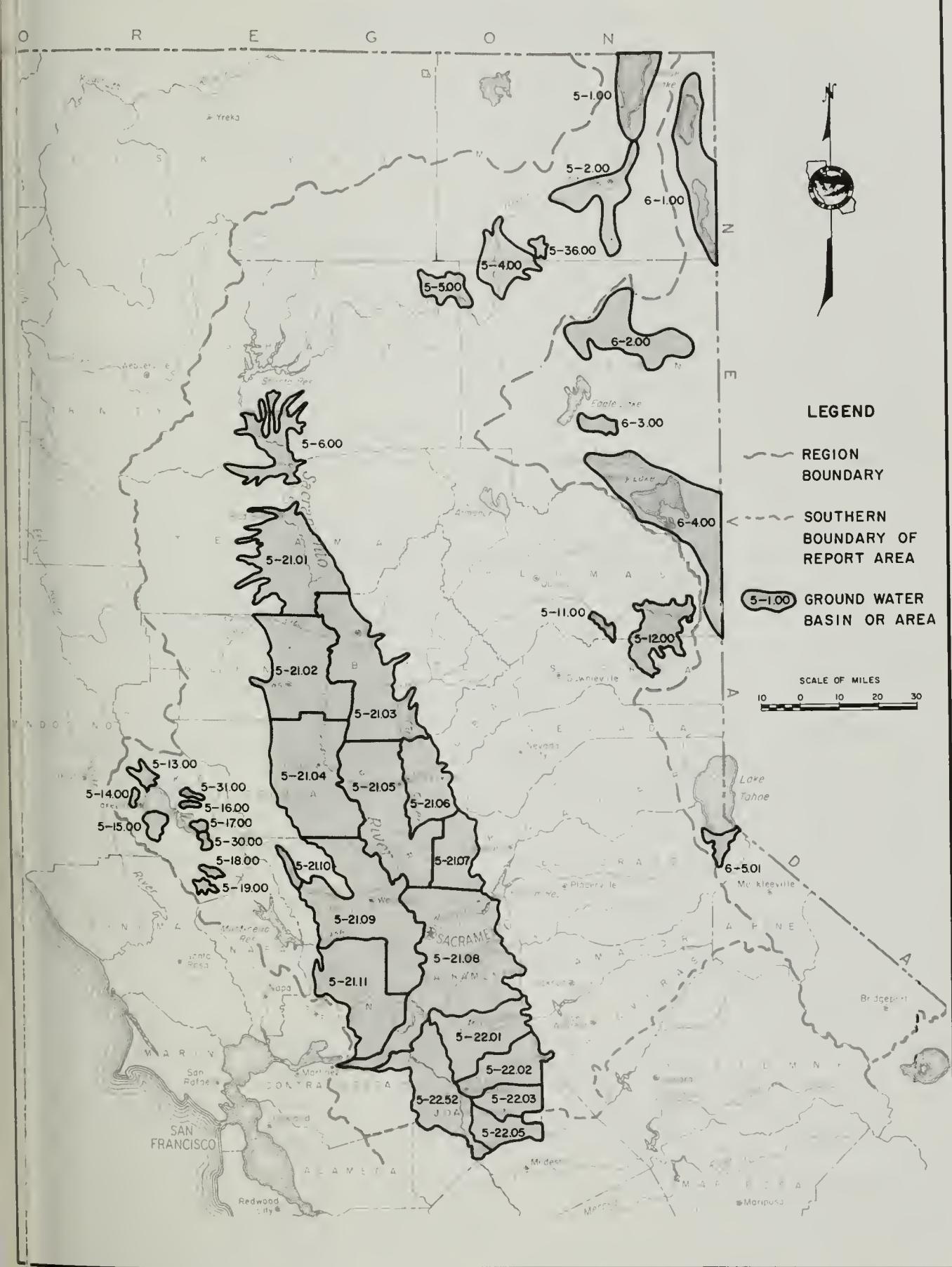


TABLE C-1

AVERAGE CHANGE OF GROUND WATER LEVELS
AND SUMMARY OF WELL MEASUREMENTS REPORTED

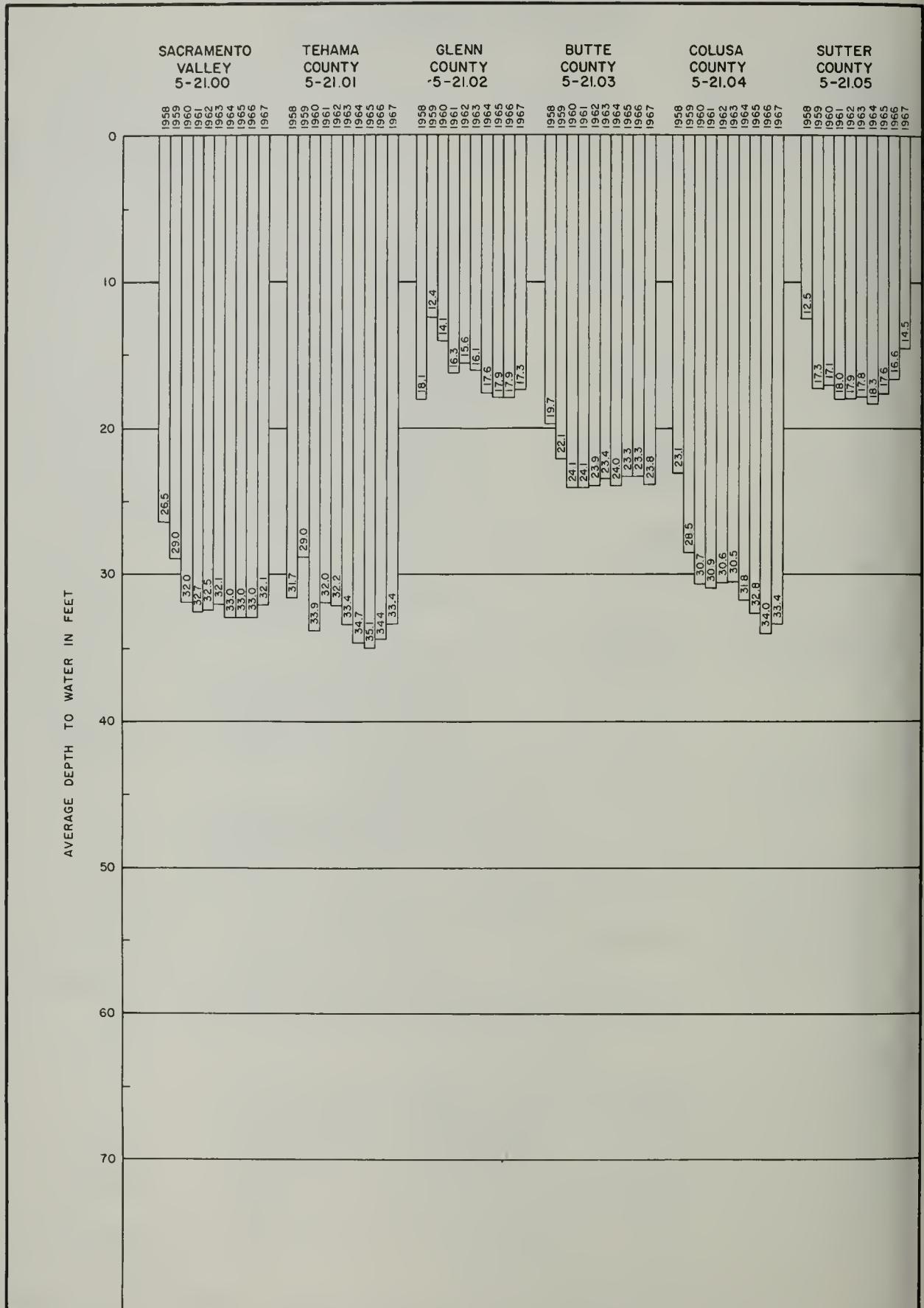
Ground Water Basin or Area		Average Change Spring 1966 to Spring 1967 in feet	Measuring Agency	Number of Wells Reported		
Name	Number			Monthly 1966-67	Fall 1966	Spring 1967
CENTRAL VALLEY REGION						
Goose Lake Valley	5-01.00	- 0.6	Department of Water Resources	2		
Alturas Basin	5-02.00	+ 0.8	Department of Water Resources	6		
Big Valley	5-04.00	+ 0.8	Department of Water Resources	3		
Round Valley	5-36.00	+ 2.2	Department of Water Resources	3		
Fall River Valley	5-05.00	+ 1.3	Department of Water Resources	3		
Redding Basin	5-06.00	- 0.6	Department of Water Resources	8		74
Mohawk Valley	5-11.00	- 0.8	Department of Water Resources		2	2
Sierra Valley	5-12.00	+ 1.1	Department of Water Resources	6	41	41
Upper Lake Valley	5-13.00	+ 0.4	Lake County Department of Water Resources	3	19 4	20 4
Scott Valley	5-14.00	+ 0.5	Lake County Department of Water Resources	2	8 1	9 1
Kelseyville Valley	5-15.00	+ 1.0	Lake County Department of Water Resources	4	53 10	59 10
Long Valley	5-31.00	+ 1.5	Department of Water Resources		2	2
High Valley	5-16.00	- 2.7	Lake County Department of Water Resources	1	5	5
Burns Valley	5-17.00	+ 0.5	Lake County Department of Water Resources	1	2	2
Lower Lake Area	5-30.00	+ 2.0	Lake County Department of Water Resources	1	2	2
Coyote Valley	5-18.00	+ 1.1	Lake County Department of Water Resources	1	8	8
Collayomi Valley	5-19.00	+ 1.3	Lake County Department of Water Resources	1	13	13
Sacramento Valley Tehama County	5-21.00 5-21.01	+ 1.0	Tehama County U. S. Bureau of Reclamation Department of Water Resources	12	73 5	70 5
Glenn County	5-21.02	+ 0.6	Glenn County U. S. Bureau of Reclamation Department of Water Resources	13	122 25	120 25
Butte County	5-21.03	- 0.5	Butte County Department of Water Resources	14	131 90	128 90
Colusa County	5-21.04	+ 0.6	U. S. Bureau of Reclamation Department of Water Resources	9	35	35
Sutter County	5-21.05	+ 2.1	Sutter County South Sutter Water District Department of Water Resources	18	110 26 7	108 26 9

TABLE C-1 (Continued)

AVERAGE CHANGE OF GROUND WATER LEVELS
AND SUMMARY OF WELL MEASUREMENTS REPORTED

Ground Water Basin or Area		Average Change Spring 1966 to Spring 1967 in feet	Measuring Agency	Number of Wells Reported		
Name	Number			Monthly 1966-67	Fall 1966	Spring 1967
Sacramento Valley (Continued)						
Yuba County	5-21.06	+ 1.0	Yuba County Department of Water Resources	9	71 10	69 15
Placer County	5-21.07	+ 0.9	Placer County South Sutter Water District Department of Water Resources	7	88 2 2	87 8 8
Sacramento County	5-21.08	- 0.1	Sacramento County Sacramento Muni. Utility Dist. Arcade Water District U. S. Bureau of Reclamation Department of Water Resources	17	112 18 30 99 57	109 18 40 100 69
Yolo County	5-21.09	+ 1.8	Yolo County U. S. Bureau of Reclamation Department of Water Resources	13	184 89 20	177 88 26
Capay Valley	5-21.10	+ 1.2	Yolo County		21	21
Solano County	5-21.11	+ 2.6	Solano County U. S. Bureau of Reclamation Department of Water Resources	11	30 101 12	26 101 23
San Joaquin Valley Mokelumne River Area	5-22.00 5-22.01	+ 0.2	San Joaquin County City of Stockton California Water Service Co. East Bay Municipal Utility Dist. U. S. Bureau of Reclamation Department of Water Resources	1 8	96 4 4 63 4 27	96 4 4 62 4 28
Calaveras River Area	5-22.02	+ 0.1	San Joaquin County City of Stockton California Water Service Co. East Bay Municipal Utility Dist. Department of Water Resources	8	86 2 21 4 12	85 2 21 4 14
Farmington - Collegeville Area	5-22.03	- 1.8	San Joaquin County Department of Water Resources	7	59 9	59 10
South San Joaquin Irrigation District	5-22.05	- 0.6	San Joaquin County Department of Water Resources	6	2 22	2 21
Delta Area	5-22.52	+ 0.9	San Joaquin County Department of Water Resources	5	3 9	3 9
LAHCNTAN REGION						
Surprise Valley	6-01.00	- 4.8	Department of Water Resources	6		
Madeline Plains	6-02.00	- 1.6	Department of Water Resources	3		
Honey Lake Valley	6-04.00	+ 1.8	Department of Water Resources	6		
Tahoe Valley South Tahoe Valley	6-05.00 6-05.01	+ 1.0	Department of Water Resources		28	28
TOTAL				<hr/>	218	2170
						2348

Figure C-2 SHEET 1 OF 3



AVERAGE DEPTH TO WATER IN WELLS
SPRING 1958 TO SPRING 1967

Figure C-2 SHEET 2 OF 3

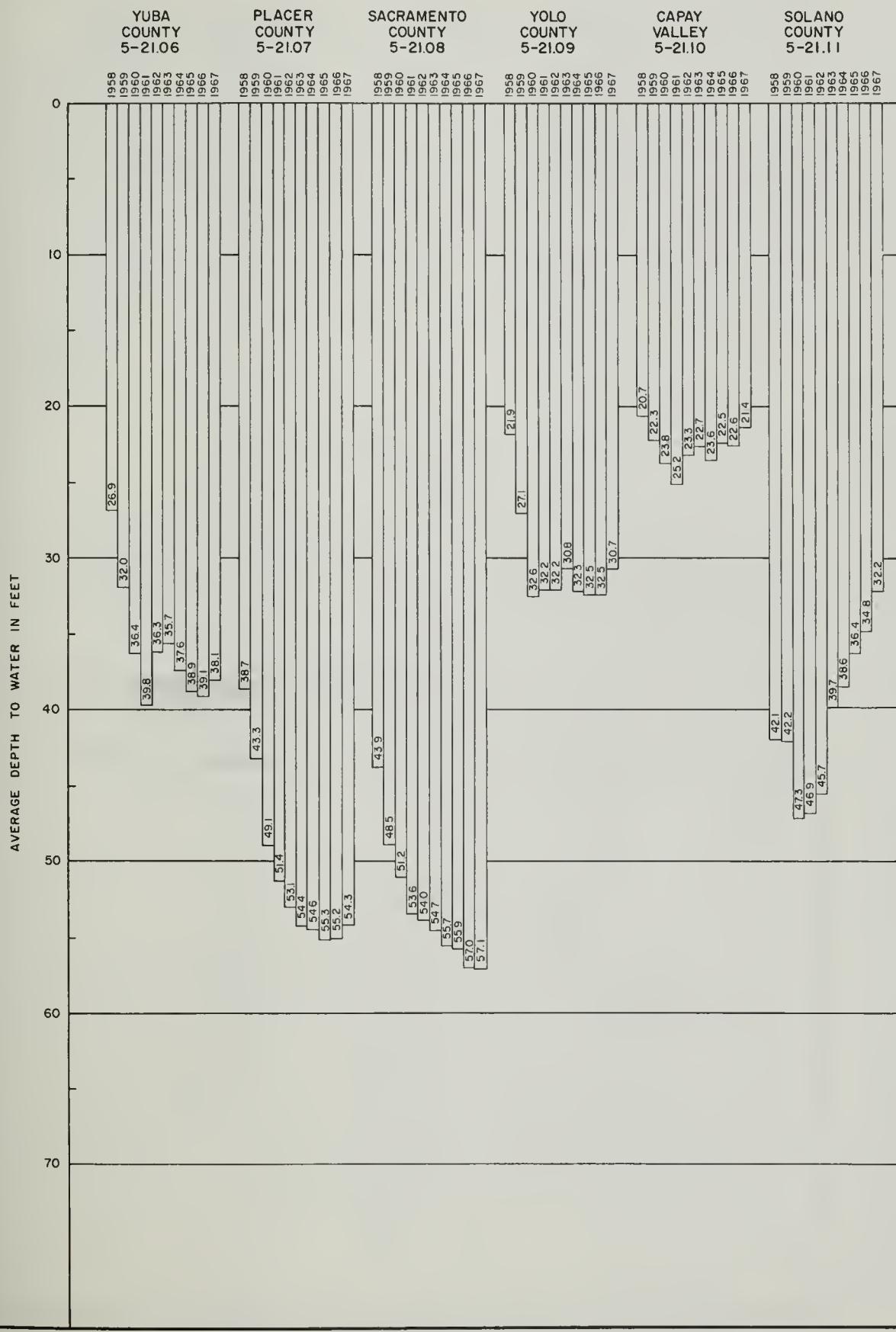
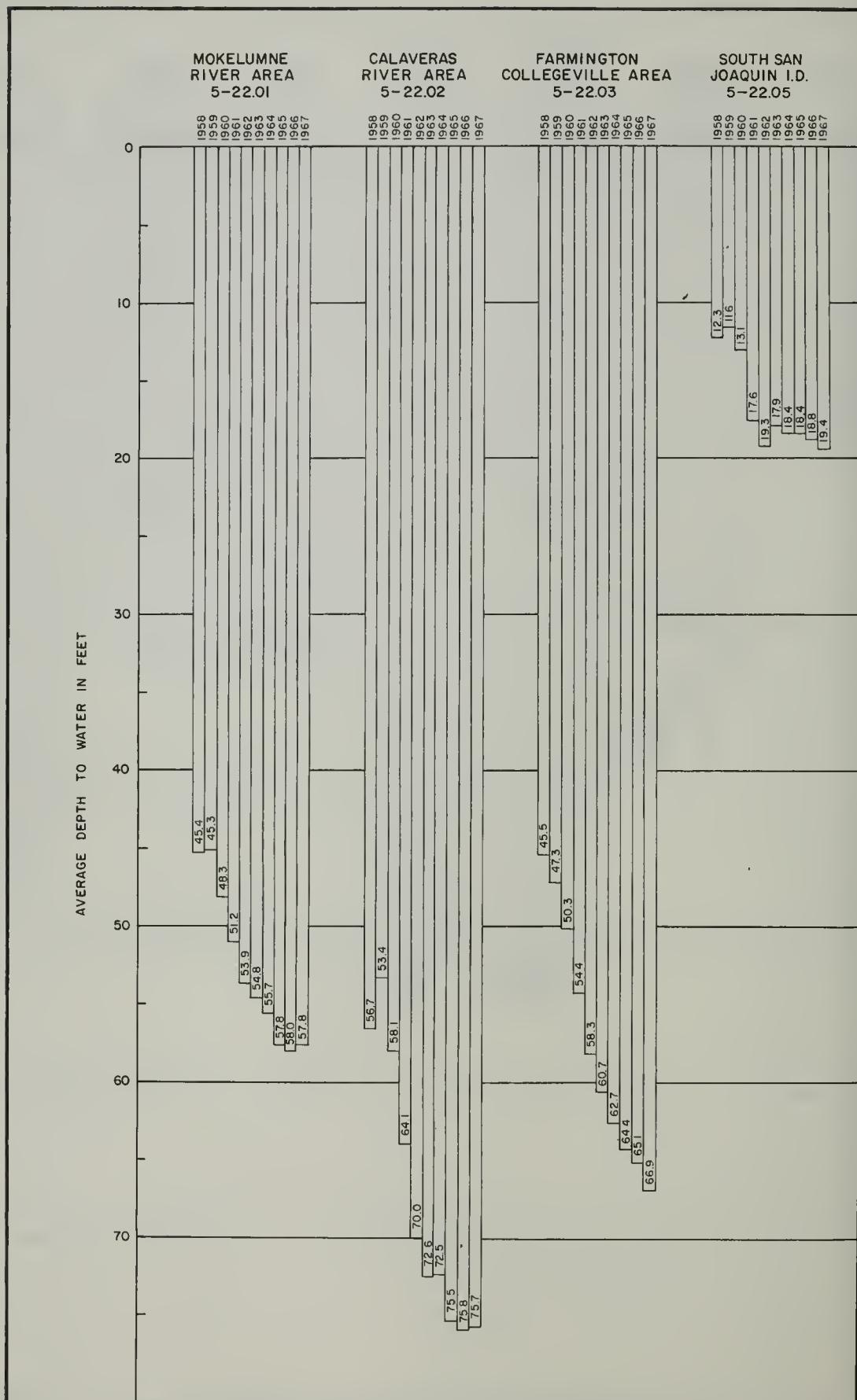
AVERAGE DEPTH TO WATER IN WELLS
SPRING 1958 TO SPRING 1967

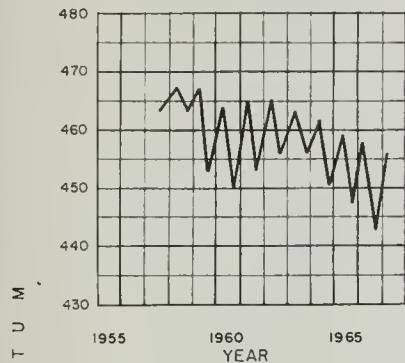
Figure C-2 SHEET 3 OF 3



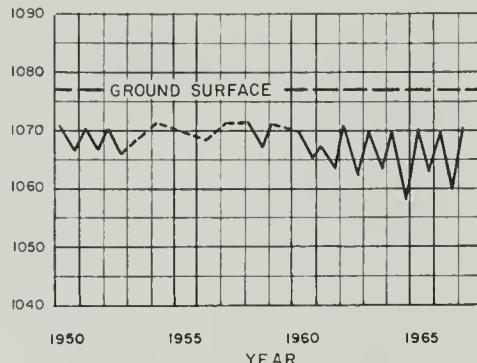
AVERAGE DEPTH TO WATER IN WELLS

SPRING 1958 TO SPRING 1967

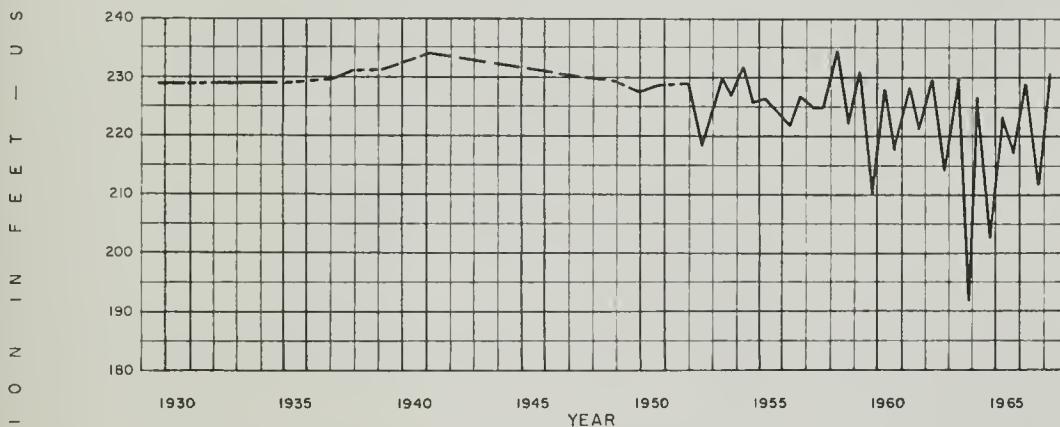
REDDING BASIN (5-6.00)
SHASTA COUNTY
WELL 29N/5W - 11A2, M D B & M
GROUND SURFACE ELEVATION 512'



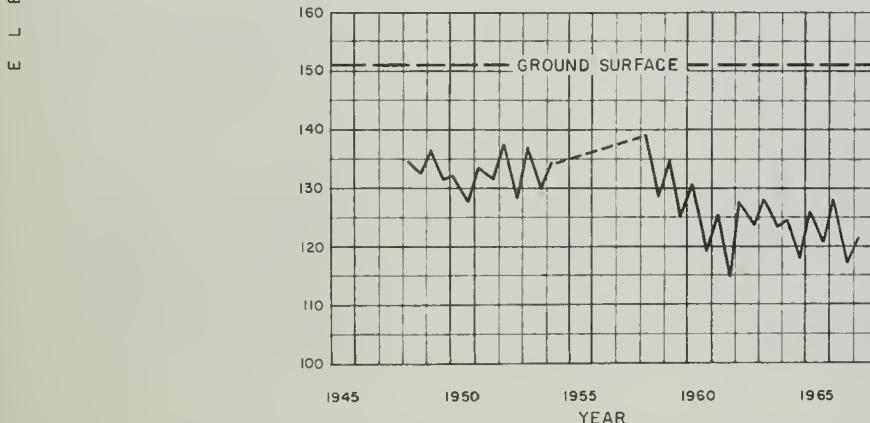
COLLAYOMI VALLEY (5-19.00)
LAKE COUNTY
WELL 11N/7W - 35E1, M D B & M
GROUND SURFACE ELEVATION 1077'



SACRAMENTO VALLEY (5-21.00)
TEHAMA COUNTY (5-21.01)
WELL 26N/3W - 4K1, M. D. B. & M.
GROUND SURFACE ELEVATION 295'



SACRAMENTO VALLEY (5-21.00)
GLENN COUNTY (5-21.02)
WELL 21N/2W - 28M1, M D B & M
GROUND SURFACE ELEVATION 151'

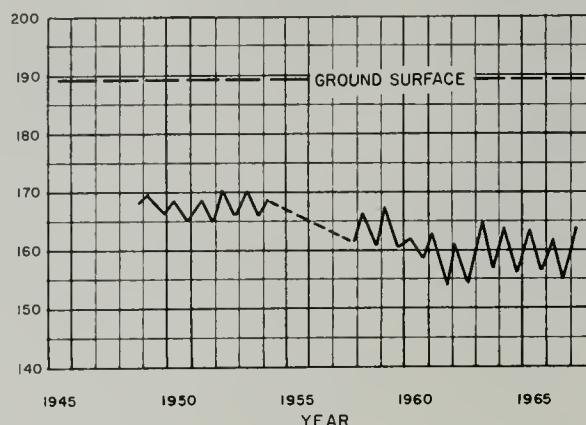


----- CONNECTS MEASUREMENTS MADE AT INTERVALS OF A YEAR OR MORE

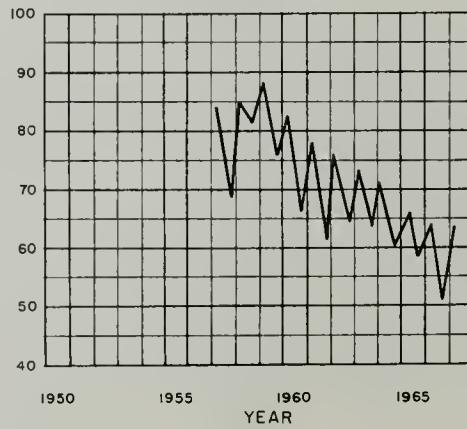
FLUCTUATION OF WATER LEVEL IN WELLS

Figure C-3 SHEET 2 OF 5

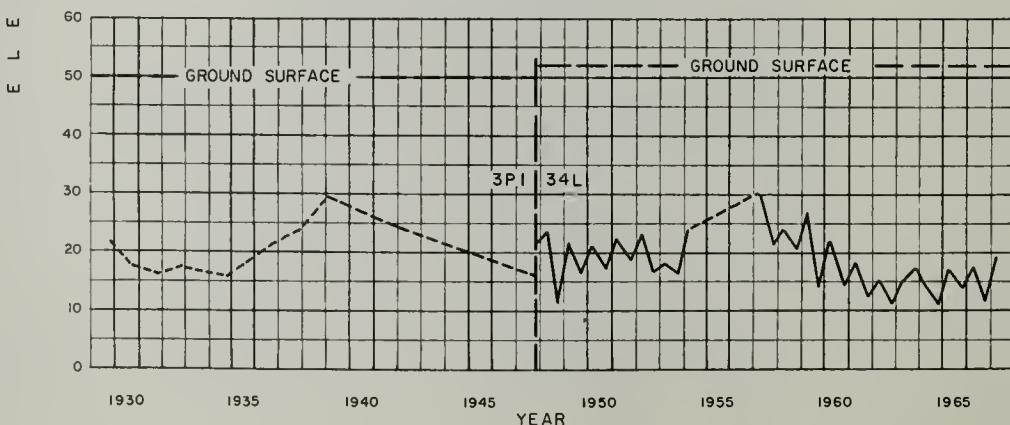
SACRAMENTO VALLEY (5-21.00)
BUTTE COUNTY (5-21.03)
WELL 23N/1W-14R1, M.D.B. & M.
GROUND SURFACE ELEVATION 189



SACRAMENTO VALLEY (5-21.00)
COLUSA COUNTY (5-21.04)
WELL 14N/2W-16N2, M.D.B. & M.
GROUND SURFACE ELEVATION 118'



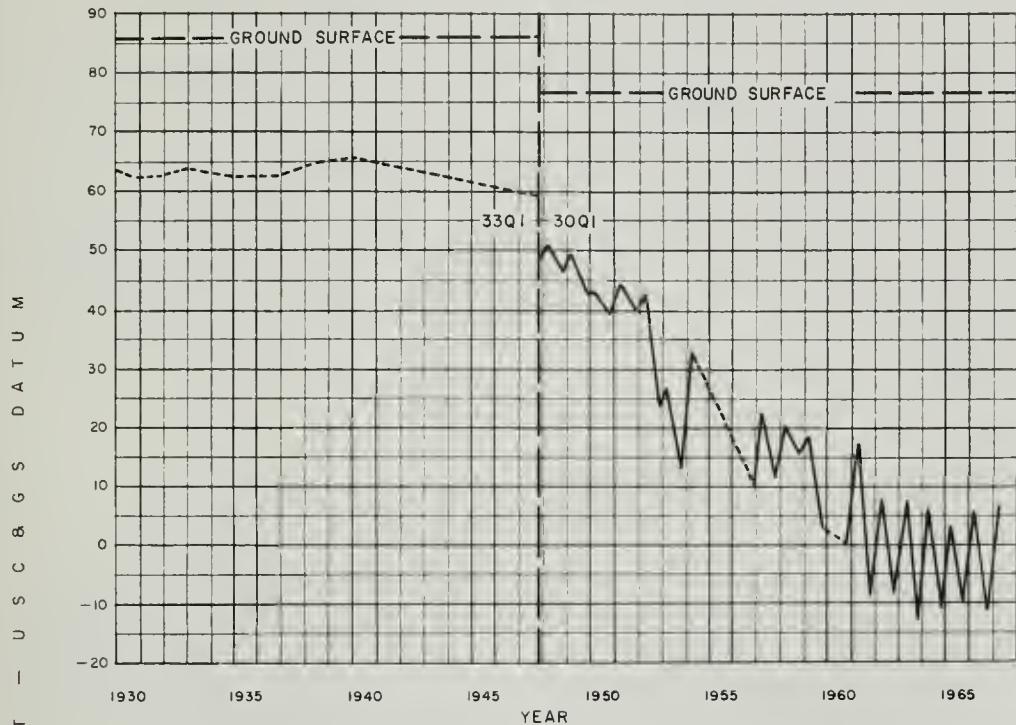
SACRAMENTO VALLEY (5-21.00)
SUTTER COUNTY (5-21.05)
WELLS 14N/3E-3PI, 15N/3E-34L1, M.D.B. & M.
GROUND SURFACE ELEVATION 50'32"



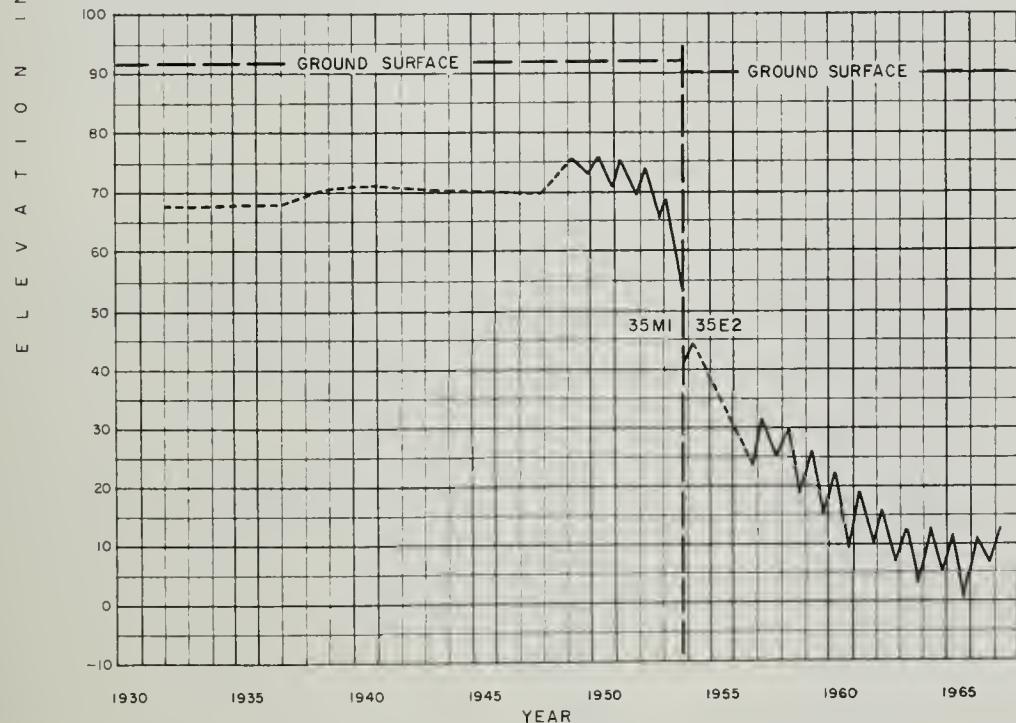
-----CONNECTS MEASUREMENTS MADE AT INTERVALS OF A YEAR OR MORE

FLUCTUATION OF WATER LEVEL IN WELLS

SACRAMENTO VALLEY (5-21.00)
 YUBA COUNTY (5-21.06)
 WELLS I4N/5E-33Q1, I4N/5E-30Q1, M D B. B.M.
 GROUND SURFACE ELEVATION 86', 7"



SACRAMENTO VALLEY (5-21.00)
 PLACER COUNTY (5-21.07)
 WELLS I3N/5E-35MI, I2N/5E-35E2, M D B. B.M.
 GROUND SURFACE ELEVATION 92', 90"

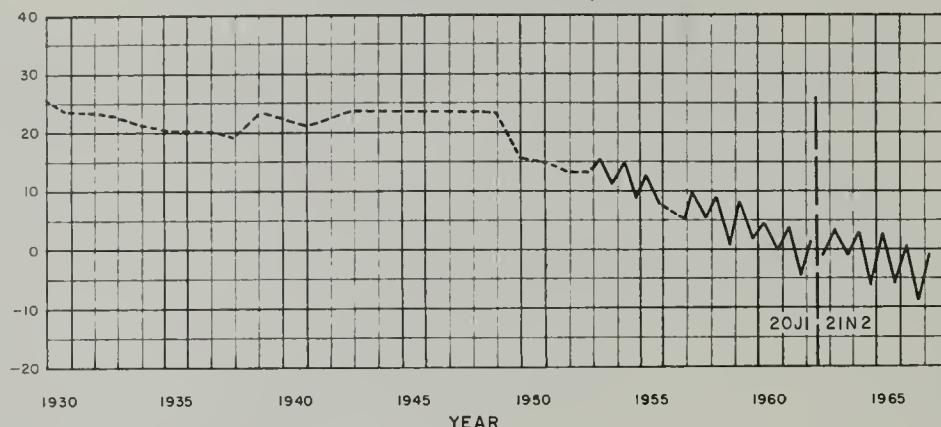


--- CONNECTS MEASUREMENTS MADE AT INTERVALS OF A YEAR OR MORE

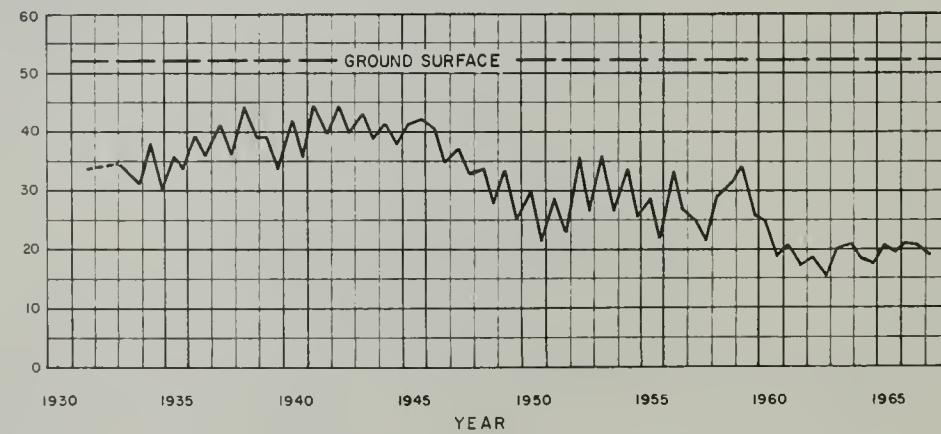
FLUCTUATION OF WATER LEVEL IN WELLS

Figure C-3 SHEET 4 OF 5

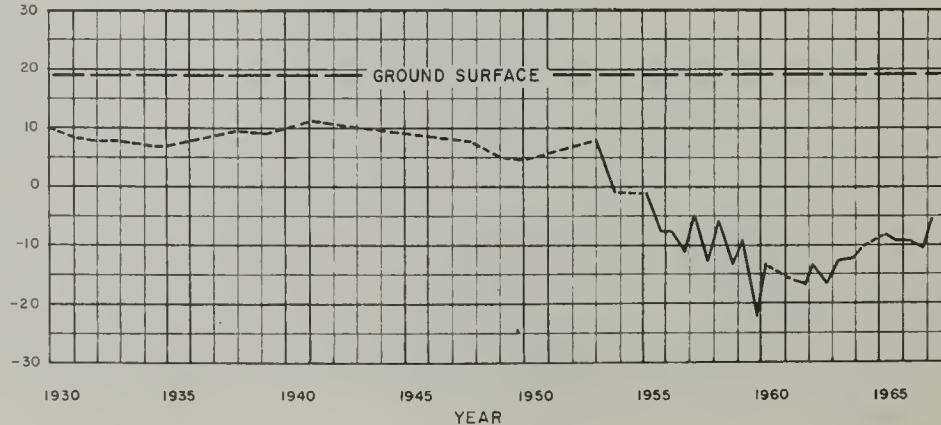
SACRAMENTO VALLEY (5-21.00)
 SACRAMENTO COUNTY (5-21.08)
 WELLS 8N/6E-20JI, 8N/6E-2IN2, M D B & M
 GROUND SURFACE ELEVATION 64.65'



SACRAMENTO VALLEY (5-21.00)
 YOLO COUNTY (5-21.09)
 WELL 10N/2E-2IM2, M D B & M
 GROUND SURFACE ELEVATION 52'



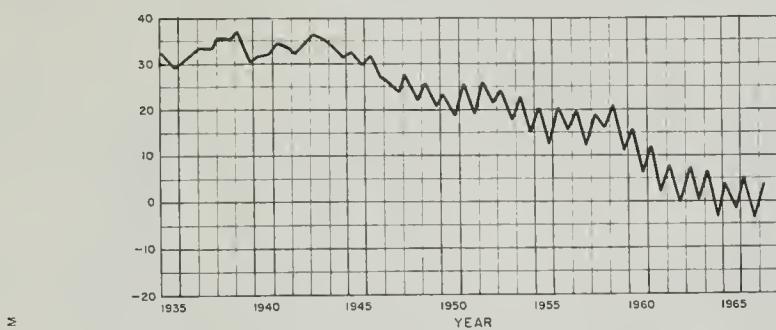
SACRAMENTO VALLEY (5-21.00)
 SOLANO COUNTY (5-21.11)
 WELL 6N/2E-29NI, M.D.B & M
 GROUND SURFACE ELEVATION 19'



-----CONNECTS MEASUREMENTS MADE AT INTERVALS OF A YEAR OR MORE

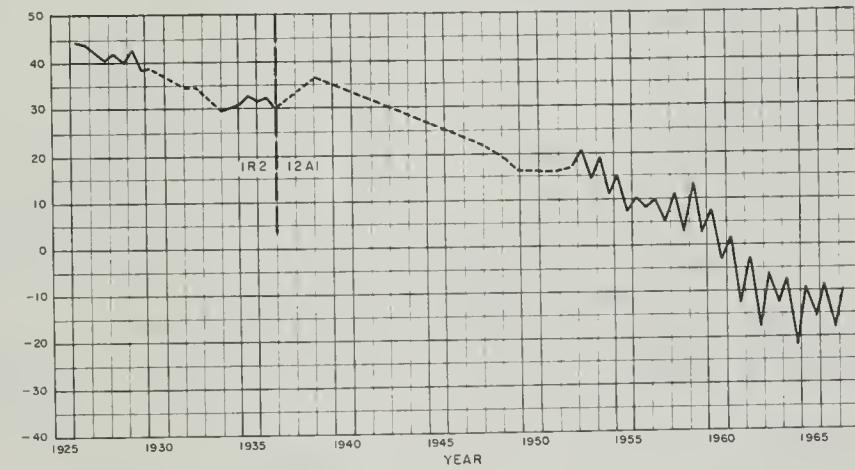
FLUCTUATION OF WATER LEVEL IN WELLS

SAN JOAQUIN VALLEY (5-22.00)
 MOKELEMNE RIVER AREA (5-22.01)
 WELL 3N/7E - 1014, M D B & M
 GROUND SURFACE ELEVATION 78'



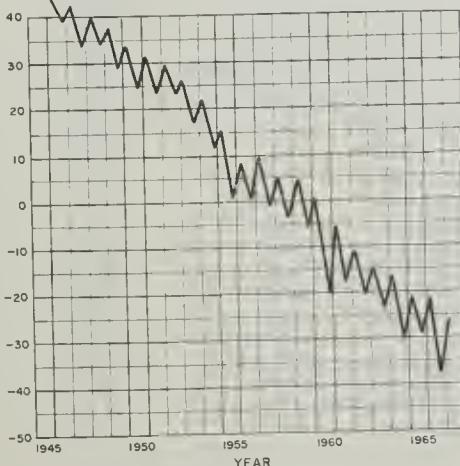
ELEVATION IN FEET - U S C B G S S DATUM

SAN JOAQUIN VALLEY (5-22.00)
 CALAVERAS RIVER AREA (5-22.02)
 WELLS 2N/7E - IR2, 2N/7E - I2AI, M D B & M
 GROUND SURFACE ELEVATION 74.72



ELEVATION IN FEET - U S C B G S S DATUM

SAN JOAQUIN VALLEY (5-22.00)
 FARMINGTON-COLLEGEVILLE AREA (5-22.03)
 WELL 1N/BE - 1701, M D B & M
 GROUND SURFACE ELEVATION 69



— CONNECTS MEASUREMENTS
 MADE AT INTERVALS OF A
 YEAR OR MORE

FLUCTUATION OF WATER LEVEL IN WELLS

TABLE C-2 GROUND WATER LEVELS AT WELLS

An explanation of the column headings and the code symbols follows:

State Well Number - Refer to the explanation under Introduction.

Ground Surface Elevation - The numbers in this column are the elevation in feet above mean sea level (USGS Datum) of the ground surface at the well. Elevations are usually taken from topographic maps and the accuracy is controlled by topographic standards.

Date - The date shown is when the depth measurement given in the next column was made.

Ground Surface to Water Surface - This is the measured depth in feet from the ground surface to the water surface in the well; certain of the depth measurements in the column may be preceded by a number in parentheses to indicate a questionable measurement. The code applicable to these "questionable measurements" is as follows:

- | | |
|--------------------------------------|--|
| (1) Pumping | (6) Other |
| (2) Nearby pump operating | (7) Recharge operation at or near well |
| (3) Casing leaking or wet | (8) Oil in casing |
| (4) Pumped recently | (9) Caved or deepened |
| (5) Air or pressure gage measurement | |

When a measurement was attempted, but could not be obtained, then only a number in parentheses is shown in the column. The code applicable to these "no measurements" is as follows:

- | | |
|-------------------------------|-------------------------------|
| (1) Pumping | (6) Well has been destroyed |
| (2) Pump house locked | (7) Special |
| (3) Tape hung up | (8) Casing leaking or wet |
| (4) Cannot get tape in casing | (9) Temporarily inaccessible |
| (5) Unable to locate well | (0) Measurements discontinued |

The words FLOW and DRY are shown in this column to indicate a flowing or dry well, respectively. A minus preceding the number in this column indicates that the static water level in the well is this distance in feet above the ground surface.

Water Surface Elevation - This is the elevation in feet above mean sea level (USGS Datum) of the water surface in the well. It was derived by subtraction of the depth measurement from the ground surface elevation.

Agency Supplying Data - Each number in this column is the code number for the agency supplying data for that measurement. The agencies supplying data for this report and the code numbers assigned to them are as follows:

<u>Code</u>	<u>Agency</u>
4202	Sacramento Municipal Utility District
4203	City of Stockton
4400	Arcade Water District
4701	California Water Service Company
5000	U. S. Geological Survey
5001	U. S. Bureau of Reclamation
5050	Department of Water Resources
5100	Tehama County
5101	Colusa County
5102	Sutter County
5103	Yuba County
5104	Yolo County
5105	Glenn County
5106	Butte County
5107	Placer County
5108	Sacramento County
5109	Solano County
5110	San Joaquin County
5111	Lake County
5401	South Sutter Water District
7518	South San Joaquin Irrigation District
8201	East Bay Municipal Utility District

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA		
CENTRAL VALLEY REGION 5-00.00													
GOOSE LAKE VALLEY 5-01.00													
45N/14E-17P01M	4796.9	10-17-66 11-16-66 12-20-66 1-16-67 2-17-67 3-21-67 4-21-67 5-19-67 6-19-67 7-25-67 8-24-67 9-20-67	52.5 50.9 50.3 49.5 50.6 50.1 47.1 48.1 47.7 49.2 52.8 54.4	4744.4 4746.0 4746.6 4747.4 4746.3 4746.8 4749.8 4748.8 4749.2 4747.7 4744.1 4742.5	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050		41N/10E-06D01M	4303.4	10-17-66 11-16-66 12-19-66 1-16-67 2-16-67 3-22-67 4-20-67 5-18-67 6-19-67 7-25-67 8-25-67 9-20-67	8.0 8.0 7.3 7.2 7.3 7.0 6.5 5.1 4.5 6.5 6.6 7.0	4295.4 4295.4 4296.1 4296.2 4296.1 4296.4 4296.9 4298.3 4298.9 4296.9 4296.8 4296.4	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	
48N/14E-24A03M	4847.3	10-17-66 11-16-66 12-20-66 1-16-67 2-17-67 3-21-67 4-21-67 5-18-67 6-19-67 7-25-67 8-24-67 9-20-67	20.3 21.6 20.9 19.5 19.5 20.6 21.3 14.2 18.8 14.6 15.2 16.7	4827.0 4825.7 4826.4 4827.8 4827.8 4826.7 4826.0 4833.1 4828.5 4832.7 4832.1 4830.6	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050		41N/12E-11D01M	4382.6	10-18-66 11-17-66 12-20-66 1-17-67 2-17-67 3-21-67 4-21-67 5-19-67 6-20-67 7-26-67 8-24-67 9-21-67	23.3 21.9 22.6 20.7 22.4 23.8 23.0 22.2 22.0 25.4 22.9 22.5	4359.3 4360.7 4360.0 4361.9 4360.2 4358.8 4359.6 4360.4 4360.6 4357.2 4359.7 4360.1	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	
ALTURAS BASIN 5-02.00													
39N/13E-08K04M	4453.4	10-18-66 11-17-66 12-20-66 1-17-67 2-17-67 3-21-67 4-21-67 5-19-67 6-20-67 7-26-67 8-24-67 9-21-67	21.4 21.2 24.3 24.3 22.6 23.3 23.4 23.2 25.6 21.1 23.0 20.0 22.7	4432.0 4432.2 4429.1 4430.8 4430.1 4430.0 4430.2 4427.8 4432.3 4430.4 4433.4 4430.7	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050		42N/11E-30C01M	4340.6	10-17-66 11-16-66 12-19-66 1-16-67 2-16-67 3-22-67 4-20-67 5-18-67 6-19-67 7-25-67 8-25-67 9-20-67	10.5 10.3 9.9 9.5 9.9 9.2 9.0 7.7 7.2 9.7 10.3 (1)	4330.1 4330.3 4330.7 4331.1 4330.7 4331.4 4331.6 4332.9 4333.4 4330.9 4330.3 5050		

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA		
ALTURAS BASIN 5-02.00													
42N/13E-06P01M	4398.0	10-17-66 11-16-66 12-19-66 1-16-67 2-16-67 3-22-67 4-20-67 5-18-67 6-19-67 7-25-67 8-24-67 9-20-67	8.1 8.4 (2) 6.0 6.8 5.6 4.0 7.8 6.3 6.8 7.1 7.3	4389.9 4389.6 5050 4392.0 4391.2 4392.4 4394.0 4390.2 4391.7 4391.2 4390.9 4390.7	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050		38N/08E-17K01M	4149.9	10-17-66 11-16-66 12-19-66 1-16-67 2-16-67 3-22-67 4-20-67 5-18-67 6-19-67 7-25-67 8-25-67 9-20-67	8.6 9.6 11.0 10.2 9.9 10.0 9.4 9.0 6.7 (1) 8.9 8.0	4141.3 4140.3 4138.9 4139.7 4141.0 4139.9 4140.5 4144.9 4143.2 4141.0 4141.9	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	
42N/13E-34M01M	4431.1	10-18-66 11-17-66 12-20-66 1-17-67 2-17-67 3-21-67 4-21-67 5-19-67 6-20-67 7-26-67 8-24-67 9-21-67	11.7 11.7 10.8 10.1 10.6 10.7 9.8 8.7 9.0 9.5 10.4 10.8	4419.4 4419.4 4420.3 4421.0 4420.5 4420.4 4421.3 4422.4 4422.1 4421.6 4420.7 4420.3	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050		39N/09E-28F01M	4203.3	10-17-66 11-16-66 12-19-66 1-16-67 2-16-67 3-22-67 4-20-67 5-18-67 6-19-67 7-25-67 8-25-67 9-20-67	7.0 7.2 6.7 6.9 7.1 5.7 7.2 5.2 5.9 6.8 7.3 6.9	4196.2 4196.0 4196.5 4196.3 4196.1 4197.5 4196.0 4198.0 4197.3 4196.4 4195.9 4196.3	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	
BIG VALLEY 5-04.00													
38N/07E-33K01M	4115.2	10-17-66 11-16-66 12-19-66 1-16-67 2-16-67 3-22-67 4-20-67 5-18-67 6-19-67 7-25-67 8-25-67 9-20-67	9.5 9.5 9.3 9.2 9.1 9.0 9.0 9.0 9.0 8.8 9.4 9.3	4105.7 4105.7 4105.9 4106.0 4106.1 4106.2 4106.2 4106.2 4106.2 4106.4 4105.8 4105.9	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050		39N/09E-02P02M	4286.1	10-17-66 11-16-66 12-19-66 1-16-67 2-16-67 3-22-67 4-20-67 5-18-67 6-19-67 7-25-67 8-25-67 9-20-67	7.6 8.1 6.0 5.8 4.8 3.8 4.1 3.3 3.2 3.5 3.9 6.7	4278.5 4278.0 4280.1 4280.3 4281.3 4282.3 4282.0 4282.8 4282.9 4281.6 4280.2 4279.4	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	
BIG VALLEY 5-04.00													
38N/07E-33K01M	4115.2	10-17-66 11-16-66 12-19-66 1-16-67 2-16-67 3-22-67 4-20-67 5-18-67 6-19-67 7-25-67 8-25-67 9-20-67	9.5 9.5 9.3 9.2 9.1 9.0 9.0 9.0 9.0 8.8 9.4 9.3	4105.7 4105.7 4105.9 4106.0 4106.1 4106.2 4106.2 4106.2 4106.2 4106.4 4105.8 4105.9	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050								

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA						
ROUND VALLEY 5-36.00																	
39N/09E-10K01M	4242.4	10-17-66	9.9	4232.5	5050	37N/05E-30K02M	3328.6	1-16-67	49.5	3279.1	5050						
		11-16-66	9.7	4232.7	5050	CONT.		2-16-67	48.3	3280.3	5050						
		12-19-66	7.7	4234.7	5050			3-22-67	49.3	3279.3	5050						
		1-16-67	7.8	4234.6	5050			4-20-67	49.6	3279.0	5050						
		2-16-67	7.6	4234.8	5050			5-18-67	49.3	3279.3	5050						
		3-22-67	5.6	4236.8	5050			6-19-67	49.1	3279.5	5050						
		4-20-67	6.8	4235.6	5050			7-24-67	49.9	3278.7	5050						
		5-18-67	2.9	4239.5	5050			8-25-67	48.9	3279.7	5050						
		6-19-67	4.3	4238.1	5050			9-20-67	48.7	3279.9	5050						
		7-25-67	6.6	4235.8	5050	38N/04E-33F01M	3318.0	10-17-66	7.4	3310.6	5050						
		8-25-67	8.0	4234.4	5050			11-16-66	7.1	3310.9	5050						
		9-20-67	10.1	4232.3	5050			12-19-66	6.3	3311.7	5050						
39N/09E-10P01M	4229.9	10-17-66	9.8	4220.1	5050			1-16-67	6.6	3311.4	5050						
		11-16-66	9.4	4220.5	5050			2-16-67	6.4	3311.6	5050						
		12-19-66	8.9	4221.0	5050			3-22-67	4.5	3313.5	5050						
		1-16-67	8.7	4221.2	5050			4-20-67	4.7	3313.3	5050						
		2-16-67	8.6	4221.3	5050			5-18-67	4.2	3313.8	5050						
		3-22-67	4.9	4225.0	5050			6-19-67	3.9	3314.1	5050						
		4-20-67	4.3	4225.6	5050			7-24-67	5.6	3312.4	5050						
		5-18-67	4.4	4225.5	5050			8-25-67	6.4	3311.6	5050						
		6-19-67	4.2	4225.7	5050			9-20-67	6.5	3311.5	5050						
		7-25-67	7.6	4222.3	5050	REDDING BASIN 5-06.00											
		8-25-67	8.2	4221.7	5050	29N/03W-01A01M	454.0	3-06-67	89.6	364.4	5050						
		9-20-67	9.2	4220.7	5050	29N/03W-04R01M	397.0	3-06-67	48.5	348.5	5050						
FALL RIVER VALLEY 5-05.00																	
37N/05E-01J01M	3322.7	10-17-66	12.1	3310.6	5050	29N/03W-05G01M	414.5	3-06-67	40.7	373.8	5050						
		11-16-66	10.6	3312.1	5050	29N/03W-06P01M	409.7	10-20-66	32.9	376.8	5050						
		12-19-66	10.4	3312.3	5050			11-18-66	33.0	376.7	5050						
		1-16-67	9.8	3312.9	5050			12-16-66	34.3	375.4	5050						
		2-16-67	10.2	3312.5	5050			1-19-67	33.1	376.6	5050						
		3-22-67	6.8	3315.9	5050			2-21-67	31.7	378.0	5050						
		4-20-67	6.4	3316.3	5050			3-21-67	31.7	378.0	5050						
		5-18-67	7.5	3315.2	5050			4-21-67	30.9	378.8	5050						
		6-19-67	9.7	3313.0	5050			5-17-67	31.2	378.5	5050						
		7-25-67	18.1	3304.6	5050			6-19-67	32.7	377.0	5050						
		8-25-67	17.6	3305.1	5050			7-24-67	35.1	375.6	5050						
		9-20-67	12.9	3309.8	5050			8-24-67	33.2	376.5	5050						
37N/05E-30K02M	3328.6	10-17-66	49.7	3278.9	5050			9-21-67	33.3	376.4	5050						
		11-16-66	49.7	3278.9	5050	REDDING BASIN 5-06.00											
		12-19-66	49.2	3279.4	5050	29N/03W-14K01M	365.7	3-06-67	10.4	355.3	5050						

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
REDDING BASIN 5-06.00											
29N/03W-14K01M	365.7	3-06-67	10.4	355.3	5050	29N/05W-26N01M	499.7	3-06-67	31.5	468.2	5050
29N/03W-33A01M	350.3	3-06-67	23.8	326.5	5050	30N/03W-04M01M	494.5	3-07-67	82.7	411.8	5050
29N/04W-04R01M	507.1	3-06-67	108.6	398.5	5050	30N/03W-06J01M	403.3	3-07-67	15.7	387.6	5050
29N/04W-06N01M	529.5	3-06-67	100.5	429.0	5050	30N/03W-18N01M	389.7	3-09-67	11.1	378.6	5050
29N/04W-07F01M	474.5	3-06-67	57.7	416.8	5050	30N/03W-20R01M	389.8	3-09-67	9.0	380.8	5050
29N/04W-08A01M	495.0	3-06-67	72.4	422.6	5050	30N/03W-29K01M	419.6	3-09-67	37.3	382.3	5050
29N/04W-11G04M	425.0	3-06-67	41.7	383.3	5050	30N/03W-30N01M	449.9	3-09-67	63.4	386.5	5050
29N/04W-15E02M	425.0	3-06-67	46.8	378.2	5050	30N/04W-01E01M	475.0	3-09-67	80.8	394.2	5050
29N/04W-19A01M	469.0	3-06-67	46.8	422.2	5050	30N/04W-03Q01M	473.3	10-20-66	73.9	399.4	5050
29N/04W-30L01M	489.9	3-06-67	51.0	438.9	5050		11-18-66	73.0	400.3	5050	
29N/04W-32R01M	524.7	3-06-67	128.7	396.0	5050		12-16-66	71.9	401.1	5050	
29N/05W-07B01M	549.0	3-06-67	46.7	502.3	5050		1-19-67	72.3	401.1	5050	
		7-21-67	50.0	499.0	5050		2-21-67	72.3	401.1	5050	
		8-24-67	48.0	501.0	5050		3-21-67	71.9	401.4	5050	
		9-21-67	48.7	500.3	5050		4-21-67	72.1	401.2	5050	
29N/05W-09A01M	530.0	3-06-67	55.8	474.2	5050		5-17-67	76.3	397.0	5050	
29N/05W-11A02M	512.0	10-20-66	69.5	442.5	5050		6-19-67	76.7	396.6	5050	
		11-18-66	68.3	443.7	5050		7-24-67	78.3	395.0	5050	
		12-16-66	66.8	445.2	5050		8-24-67	75.3	398.0	5050	
		1-19-67	59.4	452.6	5050		9-21-67	74.7	398.6	5050	
		2-21-67	56.8	455.2	5050	30N/04W-04F01M	421.5	3-09-67	(0)		5050
		3-22-67	57.0	455.0	5050	30N/04W-05K01M	455.0	3-09-67	42.7	412.3	5050
		4-24-67	56.2	455.8	5050	30N/04W-06B03M	450.0	10-20-66	59.7	390.3	5050
		5-15-67	(1)	5050			11-18-66	57.4	392.6	5050	
		6-19-67	(1)	5050			12-16-66	52.3	397.7	5050	
		7-26-67	(1)	5050			1-19-67	56.0	394.0	5050	
		8-24-67	(1)	5050			2-20-67	54.8	395.2	5050	
		9-21-67	(1)	5050			3-21-67	54.4	395.6	5050	
29N/05W-14M01M	499.0	3-06-67	39.5	459.5	5050		4-24-67	56.5	393.5	5050	
29N/05W-16R01M	530.0	3-06-67	59.3	470.7	5050		5-17-67	60.5	389.5	5050	
							6-19-67	61.0	389.0	5050	
							7-27-67	64.0	386.0	5050	
							8-24-67	59.8	390.2	5050	
							9-21-67	60.1	389.9	5050	

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
REDDING BASIN 5-06.00											
30N/04W-08J04M	458.5	3-09-67	54.1	404.4	5050	31N/03W-18B01M	457.6	3-07-67	42.9	414.7	5050
30N/04W-10J01M	414.0	3-09-67	16.5	397.5	5050	31N/03W-19R01M	432.5	3-07-67	34.4	398.1	5050
30N/04W-13F01M	394.8	3-09-67	5.8	389.0	5050	31N/03W-24C01M	570.0	3-08-67	81.8	488.2	5050
30N/04W-15R03M	426.0	3-09-67	16.1	409.9	5050	31N/03W-29N01M	416.4	10-20-66	23.8	392.6	5050
30N/04W-15M03M*	426.0	3-09-67	28.7	397.3	5050		11-18-66	22.6	393.8	5050	
30N/04W-22H01M	444.5	3-09-67	48.5	396.0	5050		12-16-66	22.3	394.1	5050	
30N/04W-23G01M	450.0	3-09-67	64.0	386.0	5050		1-19-67	21.8	394.6	5050	
30N/04W-24R01M	449.7	3-09-67	36.1	413.6	5050		2-21-67	20.6	395.8	5050	
30N/04W-25N01M	500.0	3-09-67	116.6	383.4	5050		3-21-67	20.9	395.5	5050	
30N/05W-03Q01M	739.5	3-10-67	114.5	625.0	5050		4-20-67	19.2	397.2	5050	
30N/05W-15R01M	759.5	3-10-67	20.5	739.0	5050		5-17-67	19.7	396.7	5050	
30N/05W-23D01M	755.0	3-10-67	154.6	600.4	5050		6-19-67	23.9	392.5	5050	
31N/03W-06H01M	520.5	10-20-66	74.8	445.7	5050		7-24-67	24.4	392.0	5050	
	11-18-66	70.9	449.6	5050		8-24-67	26.4	390.0	5050		
	12-16-66	70.9	449.6	5050		9-21-67	24.1	392.3	5050		
	1-19-67	67.5	453.0	5050	31N/04W-07J01M	532.4	3-09-67	28.4	504.0	5050	
	2-21-67	70.7	449.8	5050	31N/04W-09D01M	542.6	3-09-67	102.7	439.9	5050	
	3-21-67	64.5	456.0	5050	31N/04W-11C03M	516.0	3-08-67	79.4	436.6	5050	
	4-20-67	63.0	457.5	5050	31N/04W-12B01M	594.6	3-08-67	137.6	457.0	5050	
	5-17-67	65.0	455.5	5050	31N/04W-15D02M	512.5	3-09-67	94.8	417.7	5050	
	6-19-67	71.0	449.5	5050	31N/04W-15K01M	515.0	3-09-67	102.4	412.6	5050	
	7-24-67	81.5	439.0	5050	31N/04W-17N01M	456.3	3-09-67	9.7	446.6	5050	
	8-24-67	77.5	443.0	5050	31N/04W-21M01M	453.0	3-09-67	13.1	439.9	5050	
	9-21-67	76.2	444.3	5050	31N/04W-25Q01M	489.0	3-08-67	85.4	403.6	5050	
31N/03W-09G01M	469.0	3-08-67	16.1	452.9	5050	31N/04W-27P01M	492.0	10-20-66	85.4	406.6	5050
31N/03W-10J01M	499.5	3-08-67	25.2	474.3	5050		11-18-66	90.1	401.9	5050	
31N/03W-12E01M	524.2	3-08-67	36.2	488.0	5050		12-16-66	{7}	5050		
							1-19-67	85.0	407.0	5050	
							2-21-67	82.8	409.2	5050	
*Previously published as 30N/04W-15J01M											

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA					
REDDING BASIN 5-06.00																
31N/04W-27P01M CONT.	492.0	3-21-67	83.6	408.4	5050	32N/04W-34L01M*	622.0	3-08-67	142.8	479.2	5050					
	4-21-67	80.9	411.1	5050	REDDING BASIN 5-06.00											
	5-17-67	82.7	409.3	5050	MOHAWK VALLEY 5-11.00											
	6-20-67	93.5	398.5	5050	22N/12E-09P01M	4352.2	10-18-66	8.6	4343.6	5050	5050					
	7-24-67	98.7	393.3	5050	22N/12E-09Q01M	4365.5	5-10-67	6.6	4345.6	5050	5050					
	8-24-67	87.3	404.7	5050	SIERRA VALLEY 5-12.00											
	9-21-67	87.2	404.8	5050	20N/14E-13Q02M	4985.6	10-28-66	3.4	4982.2	5050	5050					
31N/04W-29R02M	442.0	3-09-67	17.7	424.3	5050		12-01-66	-0.1	4985.7	5050	5050					
31N/04W-30A02M	441.5	3-09-67	18.7	422.8	5050		12-29-66	1.3	4984.3	5050	5050					
31N/04W-34M01M	424.8	3-09-67	15.0	409.8	5050		1-31-67	-0.3	4985.9	5050	5050					
31N/05W-01K03M	478.5	3-08-67	15.0	463.5	5050		2-27-67	1.0	4984.6	5050	5050					
31N/05W-13R01M	484.5	3-09-67	4.4	480.1	5050		3-29-67	0.3	4985.3	5050	5050					
31N/05W-24Q02M	464.5	3-09-67	17.2	447.3	5050		4-26-67	1.0	4984.6	5050	5050					
31N/05W-25M03M	460.0	3-09-67	13.2	446.8	5050		5-29-67	1.5	4984.1	5050	5050					
32N/03W-17E03M	540.0	3-07-67	23.4	516.6	5050		6-26-67	1.6	4984.0	5050	5050					
32N/03W-29E01M	500.0	3-08-67	5.3	494.7	5050		7-31-67	2.8	4982.8	5050	5050					
32N/03W-32E02M	534.0	3-08-67	72.4	461.6	5050		8-25-67	2.0	4983.0	5050	5050					
32N/03W-32J01M	480.0	3-08-67	21.5	458.5	5050		9-25-67	2.0	4982.8	5050	5050					
32N/03W-32J02M	481.2	3-08-67	22.0	459.2	5050	21N/14E-25N01M	4932.0	10-28-66	14.5	4917.5	5050					
32N/04W-09L03M	644.5	3-07-67	9.8	634.7	5050		12-01-66	14.8	4917.2	5050	5050					
32N/04W-13G01M	659.0	3-07-67	27.2	631.8	5050		12-29-66	14.3	4917.7	5050	5050					
32N/04W-21B01M	650.5	3-07-67	38.9	611.6	5050		1-31-67	7.1	4924.9	5050	5050					
32N/04W-21H02M	586.0	3-07-67	26.4	559.6	5050		2-27-67	6.5	4925.5	5050	5050					
32N/04W-25R01M	642.0	3-08-67	113.9	528.1	5050		3-29-67	3.4	4928.6	5050	5050					
32N/04W-26H01M	616.6	3-08-67	113.6	503.0	5050		4-26-67	3.8	4928.2	5050	5050					
32N/04W-32P01M	590.6	3-08-67	42.1	548.5	5050		5-29-67	5.3	4926.7	5050	5050					
							6-26-67	6.3	4925.2	5050	5050					
							7-31-67	9.2	4922.8	5050	5050					
							8-25-67	10.6	4921.4	5050	5050					
							9-25-67	11.8	4920.2	5050	5050					
*Previously published as 32N/04W-34P1																

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
SIERRA VALLEY 5-12.00												
21N/14E-32G01M	4957.5	10-28-66 12-01-66 12-29-66 1-31-67 2-27-67 3-29-67 4-27-67 5-29-67 6-26-67 7-31-67 8-25-67 9-29-67	10-28-66 11.1 11.2 10.6 10.0 10.3 9.6 9.7 9.8 10.7 10.0 10.7 10.4	4946.4 4946.3 4946.9 4947.5 4947.2 4947.9 4947.8 4947.7 4946.8 4947.5 4946.8 4947.1	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050		21N/15E-18F02M	4891.4	10-19-66 5-11-67	-5.1 -5.7	4896.5 4897.1	5050 5050
						21N/16E-18H01M	4995.1	10-19-66 5-11-67	24.6 18.2	4970.5 4978.9	5050 5050	
						21N/16E-18H02M	4994.5	10-19-66 5-11-67	22.1 15.7	4972.4 4978.8	5050 5050	
						21N/16E-29E01M	5134.3	10-19-66 5-11-67	7.5 6.9	5126.8 5127.4	5050 5050	
						22N/14E-02H01M	4881.2	10-18-66 5-10-67	8.3 3.4	4872.9 4877.8	5050 5050	
						22N/14E-13K01M	4882.0	10-18-66 5-10-67	1.8 0.9	4880.2 4881.1	5050 5050	
						22N/14E-26L01M	4894.5	10-18-66 5-10-67	-2.0 FLOW	4896.5	5050	
						22N/15E-08L01M	4877.0	10-19-66 5-10-67	-3.4 -4.3	4880.4 4881.3	5050 5050	
						22N/15E-14K01M	4891.0	10-19-66 5-11-67	21.5 2.8	4869.5 4888.2	5050 5050	
						22N/15E-16P01M	4880.4	10-19-66 5-11-67	3.1 0.5	4877.3 4879.9	5050 5050	
						22N/15E-22Q01M	4880.9	10-19-66 5-11-67	6.2 (9)	4874.7	5050 5050	
						22N/15E-28L01M	4881.5	10-19-66 5-11-67	5.8 (9)	4875.7	5050	
						22N/15E-35H01M	4889.7	10-19-66 5-11-67	(3) 37.6 -3.2	4852.1 4892.9	5050 5050	
						22N/15E-36G01M	4900.1	10-19-66 5-11-67	(3) 45.8 -1.3	4854.3 4901.4	5050 5050	
						22N/15E-36P01M	4904.0	10-19-66 5-11-67	(3) 39.5 -0.8	4864.5 4904.8	5050 5050	

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA						
SIERRA VALLEY 5-12.00																	
22N/16E-04A01M	4932.0	10-19-66 5-11-67	-2.4 -4.5	4934.4 4936.5	5050 5050	23N/15E-36J01M	4905.7	10-18-66 5-10-67	5.8 2.5	4899.9 4903.2	5050 5050						
22N/16E-04B01M	4931.0	10-19-66 5-11-67	-4.7 -5.4	4935.7 4936.4	5050 5050	23N/16E-19M02M	4924.0	10-18-66 5-11-67	-7.8 (9)	4931.8	5050 5050						
22N/16E-17E02M	4901.3	10-19-66 5-11-67	0.5 -2.6	4900.8 4903.9	5050 5050	23N/16E-24E01M	5001.2	10-19-66 5-11-67	-11.1 -11.8	5012.3 5013.0	5050 5050						
22N/16E-18K01M	4896.9	10-19-66 5-11-67	3.6 -4.6	4893.3 4901.5	5050 5050	23N/16E-27R01M	4963.2	10-19-66 5-11-67	5.6 3.5	4957.6 4959.7	5050 5050						
23N/14E-25G01M	4891.7	10-18-66 5-10-67	10.6 5.8	4881.1 4885.9	5050 5050	23N/16E-28L01M	4938.5	10-18-66 5-11-67	-9.2 -10.7	4947.7 4949.2	5050 5050						
23N/14E-25K01M	4891.1	10-18-66 10-28-66 12-01-66	9.3 9.4 9.0	4881.8 4881.7 4882.1	5050 5050 5050	23N/16E-33C01M	4935.6	10-18-66 5-11-67	-6.3 -6.4	4941.9 4942.0	5050 5050						
		12-29-66	6.7	4884.4	5050	23N/16E-34H01M	4964.9	10-19-66 10-28-66	5.4 6.2	4959.5 4958.7	5050 5050						
		1-29-67	5.5	4885.6	5050			12-01-66	4.9	4960.0	5050						
		2-27-67	1.4	4889.7	5050			12-29-66	4.2	4960.7	5050						
		3-29-67	1.5	4889.6	5050			1-29-67	3.6	4961.3	5050						
		4-26-67	1.5	4889.6	5050			2-27-67	3.3	4961.6	5050						
		5-10-67	2.7	4888.4	5050			3-29-67	3.0	4961.9	5050						
		5-29-67	4.1	4887.0	5050			4-26-67	3.0	4961.9	5050						
		6-26-67	4.8	4886.3	5050			5-11-67	3.0	4961.9	5050						
		7-31-67	6.9	4884.2	5050			5-29-67	2.9	4962.0	5050						
		8-28-67	7.7	4883.4	5050			6-26-67	3.8	4961.1	5050						
		9-25-67	8.2	4882.9	5050			7-31-67	4.9	4960.0	5050						
								8-25-67	5.1	4959.8	5050						
								9-25-67	4.7	4960.2	5050						
23N/14E-28C02M	4888.4	10-18-66 5-10-67	9.4 6.2	4879.0 4882.2	5050 5050												
23N/15E-29H01M	4896.4	10-18-66 5-10-67	-7.2 -8.9	4903.6 4905.3	5050 5050	23N/16E-36P01M	5009.3	10-19-66 5-11-67	15.6 9.9	4993.7 4999.4	5050 5050						
23N/15E-29R01M	4889.3	10-18-66 5-10-67	-5.9 -6.7	4895.2 4898.0	5050 5050	UPPER LAKE VALLEY 5-13.00											
23N/15E-33C03M	4893.6	10-18-66 5-10-67	-6.7 -10.8	4900.3 4904.4	5050 5050	15N/09W-05L01M	1385.6	11-04-66 3-29-67	13.6 4.4	1372.0 1381.2	5111 5111						
23N/15E-34D01M	4888.3	10-18-66 5-10-67	-11.0 -13.5	4899.3 4901.8	5050 5050	15N/09W-05P01M	1389.1	11-04-66 3-29-67	11.3 2.6	1377.8 1386.5	5111 5111						

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
UPPER LAKE VALLEY 5-13.00											
15N/09W-06E02M	1365.6	11-03-66 3-27-67	17.0 10.4	1348.6 1355.2	5111 5111	15N/LOW-02N01M CONT.	1339.0	1-19-67 2-16-67 3-17-67 4-25-67 5-18-67 8-17-67 9-08-67	3.0 0.2 -1.6 0.4 0.2 1.1 7.1 8.3	1336.0 1338.8 1340.6 1338.6 1337.9 1331.9 1330.7	5050 5050 5050 5111 5050 5050 5050
15N/09W-06K01M	1364.1	11-03-66 3-27-67	14.0 5.7	1350.1 1358.4	5111 5111	15N/LOW-03D01M	1362.0	11-03-66 3-27-67	9.4 3.8	1352.6 1358.2	5111 5111
15N/09W-06R01M	1361.5	11-04-66 3-29-67	15.5 7.6	1346.0 1353.9	5111 5111	15N/LOW-03N01M	1335.0	11-02-66 3-27-67	13.9 3.0	1321.1 1332.0	5111 5111
15N/09W-07G01M	1346.4	10-18-66 11-04-66 11-17-66 12-15-66 1-19-67 2-16-67 3-17-67 3-29-67 4-25-67 5-18-67 8-17-67 9-08-67	16.8 19.3 12.1 6.5 5.9 3.9 3.5 2.5 3.0 (4) 8.0 27.8 (3) 17.9	1329.6 1327.1 1334.3 1339.9 1340.5 1342.5 1342.9 1343.9 1343.4 1341.4 1348.6 1328.5	5050 5111 5050 5050 5050 5050 5050 5111 5050 5050 5050 5050 5050	15N/LOW-04B01M	1373.5	11-02-66 3-27-67	14.3 2.9	1359.2 1370.6	5111 5111
15N/09W-08N01M	1337.0	10-18-66 3-23-67	13.5 2.5	1323.5 1334.5	5050 5050	15N/LOW-04B02M	1370.0	3-27-67	5.0	1365.0	5111
15N/09W-09L01M	1430.4	11-04-66 3-29-67	35.6 2.8	1394.8 1427.6	5111 5111	15N/LOW-13H01M	1331.0	10-18-66 3-23-67	7.3	1323.7	5050 5050
15N/09W-18H03M	1331.0	11-04-66 3-29-67	9.0 1.7	1322.0 1329.3	5111 5111	15N/LOW-13H02M	1330.0	10-18-66 3-23-67	5.3	1324.7	5050 5050
15N/09W-20L01M	1324.0	10-18-66 3-23-67	8.6 3.6	1315.4 1320.4	5050 5050	16N/09W-31C03M	1408.2	10-18-66 11-04-66 11-17-66 12-15-66 1-19-67 2-16-67 3-17-67 3-29-67 4-25-67 5-18-67 8-17-67 9-08-67	27.5 22.8 26.2 20.1 (4) 22.3 (1) 20.3 (4) 20.8 21.0 (1) 19.1 21.1 (4) 25.0 25.0	1380.7 1385.4 1382.0 1388.1 1385.9 1387.9 1387.4 1387.2 1386.2 1389.1 1387.1 1383.2 1383.2	5050 5111 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
15N/09W-28F02M	1327.8	11-04-66 3-29-67	9.1	1318.7	5111	16N/09W-31Q01M	1387.5	11-04-66 3-28-67	15.8 (1) 9.1	1371.7 1378.4	5111 5111
15N/10W-01R01M	1356.1	11-03-66 3-28-67	15.9 4.3	1340.2 1351.8	5111 5111	16N/10W-33E01M	1425.3	11-03-66 3-27-67	19.8 9.8	1405.5 1415.5	5111 5111
15N/10W-02N01M	1339.0	10-18-66 11-02-66 11-17-66 12-15-66	10.9 11.4 11.7 1.6	1328.1 1327.6 1327.3 1337.4	5050 5111 5050 5050						

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
UPPER LAKE VALLEY 5-13.00											
16N/10W-34N01M	1394.1	11-03-66 3-27-67	16.9 4.3	1377.2 1389.8	5111 5111	14N/10W-15H01M	1445.0	10-18-66 12-15-66 1-19-67 2-16-67 3-17-67 4-25-67 5-18-67 8-17-67 9-08-67	(8) 27.6 6.4 6.8 5.2 4.5 4.2 5.7 (1) 27.1	1417.4 1438.6 1438.2 1439.8 1440.5 1440.8 1439.3 1417.9	5050 5050 5050 5050 5050 5050 5050 5050
16N/10W-36J01M	1418.2	11-03-66 3-28-67	24.1 1.8	1394.1 1416.4	5111 5111	14N/10W-22A01M	1463.8	11-02-66 3-27-67	DRY 19.9	1443.9	5111 5111
SCOTT VALLEY 5-14.00											
14N/10W-03E01M	1400.0	10-18-66 3-23-67	13.6 5.4	1386.4 1394.6	5050 5050	14N/09W-02C02M	1345.0	11-10-66 4-04-67	23.5 12.0	1321.5 1333.0	5111 5111
14N/10W-03M01M	1404.6	11-02-66 3-27-67	13.2 2.3	1391.4 1402.3	5111 5111	13N/09W-02H01M	1334.6	11-10-66 4-04-67	13.0 1.3	1321.6 1333.3	5111 5111
14N/10W-03M02M	1405.0	3-27-67	(4) 6.4	1398.6	5111	13N/09W-02K03M	1343.0	11-10-66 4-04-67	13.2 3.9	1329.8 1339.1	5111 5111
14N/10W-10P01M	1423.8	11-02-66 3-27-67	6.4	1417.4	5111 5111	13N/09W-03D04M	1347.0	11-09-66 4-04-67	(8) 21.3 4.9	1325.7 1342.1	5111 5111
14N/10W-10Q01M	1430.7	11-02-66 3-27-67	18.5 3.3	1412.2 1427.4	5111 5111	13N/09W-03F05M	1349.0	10-19-66 3-23-67	29.7 9.0	1319.3 1340.0	5050 5050
14N/10W-11G01M	1420.3	11-02-66 3-27-67	9.7 1.2	1410.6 1419.1	5111 5111	13N/09W-03R01M	1357.2	11-10-66 4-04-67	36.0 14.0	1321.2 1343.2	5111 5111
14N/10W-14E03M	1445.0	11-02-66 3-27-67	26.1 (8) 4.5	1418.9 1440.5	5111 5111	13N/09W-03R02M	1357.4	11-10-66 4-04-67	36.0 13.3	1321.4 1344.1	5111 5111
14N/10W-14F01M	1440.0	11-02-66 3-27-67	21.7 (8) 1.7	1418.3 1438.3	5111 5111	13N/09W-04G01M	1345.3	11-09-66 4-04-67	23.7 2.9	1321.6 1342.4	5111 5111
14N/10W-14G03M	1442.6	10-19-66 11-02-66 11-17-66 12-15-66 1-19-67 2-16-67 3-17-67 3-27-67 4-25-67 5-18-67 8-17-67 9-08-67	17.2 19.7 18.4 10.4 10.9 5.4 5.7 5.2 6.4 11.7 11.7 13.0	1425.4 1422.9 1424.2 1432.2 1431.7 1437.2 1436.9 1437.4 1436.2 1430.9 1430.9 1429.6	5050 5111 5050 5050 5050 5050 5050 5111 5050 5050 5050 5050 5050	13N/09W-04Q03M	1357.0	11-10-66 4-04-67	33.2 5.8	1323.8 1351.2	5111 5111

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
KELSEYVILLE VALLEY 5-15.00											
13N/09W-05J03M	1350.0	10-19-66 1-19-67 2-16-67 3-17-67 4-25-67 5-18-67 8-17-67 9-08-67	29.8 15.3 7.2 5.1 3.1 4.2 27.5 27.6	1320.2 1334.7 1342.8 1344.9 1346.9 1345.8 1322.5 1322.4	5050 5050 5050 5050 5050 5050 5050 5050	13N/09W-09D01M	1359.4 4-03-67	11-09-66 27.0 2.5	1332.4 1356.9	5111 5111	
13N/09W-05J05M	1352.0	11-10-66 4-04-67	29.7 5.3	1322.3 1346.7	5111 5111	13N/09W-09L01M	1360.0 4-03-67	11-07-66 21.2 2.6	1338.8 1357.4	5111 5111	
13N/09W-06H02M	1349.0	11-09-66 4-04-67	28.6 10.2	1320.4 1338.8	5111 5111	13N/09W-09Q02M	1368.0 3-23-67	(1) 24.1 5.3	1343.9 1362.7	5050 5050	
13N/09W-06H03M	1349.3	11-09-66 4-04-67	26.7 6.8	1322.6 1342.5	5111 5111	13N/09W-10E01M	1355.0 3-29-67	10-19-66 47.9 5.2	1307.1 1349.8	5111 5111	
13N/09W-06N01M	1374.3	11-07-66 3-29-67	13.1 2.1	1361.2 1372.2	5111 5111	13N/09W-10J01M	1367.0 3-23-67	10-19-66 (1) 42.8 14.4	1324.2 1352.6	5050 5050	
13N/09W-07A03M	1360.0	10-18-66 3-29-67	17.3 3.6	1342.7 1356.4	5111 5111	13N/09W-11F01M	1360.0 4-04-67	11-10-66 12.6 1.2	1347.4 1358.8	5111 5111	
13N/09W-07E01M	1392.3	11-07-66 3-29-67	11.3 0.0	1381.0 1392.3	5111 5111	13N/09W-11H01M	1358.0 4-04-67	11-10-66 34.7 8.4	1323.3 1349.6	5111 5111	
13N/09W-07E02M	1390.0	10-19-66 11-17-66 12-15-66 1-19-67 2-16-67 3-17-67 4-25-67 5-18-67 8-17-67 9-08-67	9.6 9.1 2.2 3.5 0.9 0.5 1.6 1.6 7.5 9.6	1380.4 1380.9 1387.8 1386.5 1389.1 1389.5 1388.6 1388.4 1382.5 1380.4	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	13N/09W-12M02M	1357.1 4-04-67	11-10-66 27.7 16.1	1329.4 1341.0	5111 5111	
13N/09W-08K02M	1372.6	11-09-66 4-03-67	30.9 10.1	1341.7 1362.5	5111 5111	13N/09W-14C01M	1381.0 3-23-67	10-19-66 23.6 6.0	1357.4 1375.0	5050 5050	
13N/09W-08N01M	1375.0	11-09-66 4-03-67	23.0 8.8	1352.0 1366.2	5111 5111	13N/09W-14G01M	1397.8 3-23-67	10-19-66 22.0 22.2	1375.8 1375.6	5050 5111	
13N/09W-09C04M	1358.0	4-03-67	3.8	1345.2	5111	13N/09W-14P02M	1398.8 4-13-67	3-23-67 1.8 4-13-67 5.5	1361.8 1393.5	5050 5111	
						13N/09W-15B02M	1376.0 4-03-67	10-19-66 12.0 14.2	1364.0 1361.8	5111 5111	
						13N/09W-15D01M	1445.0 3-29-67	10-18-66 84.6 65.9	1360.4 1379.1	5111 5111	
						13N/09W-15J01M	1420.0 4-03-67	11-09-66 17.7 14.9	1402.3 1405.1	5111 5111	

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
KELSEYVILLE VALLEY 5-15.00											
13N/09W-15M01M	1409.0	3-29-67	14.6	1394.4	5111	13N/09W-21F02M	1500.0 3-23-67	10-19-66 128.8 112.2	1371.2 1387.8	5050 5050	
13N/09W-16E02M	1379.0	10-18-66 3-29-67	34.1 3.4	1344.9 1375.6	5111 5111	13N/09W-21J01M	1496.0 3-29-67	10-18-66 92.2 88.9	1403.8 1407.1	5111 5111	
13N/09W-16L01M	1380.0	10-18-66 3-29-67	18.9 -0.3	1361.1 1380.3	5111 5111	13N/09W-22C02M	1430.0 3-23-67	10-19-66 (2) 28.0	1402.0	5050	
13N/09W-17B01M	1380.5	11-09-66	(0)		5111	13N/09W-22F01M	1444.0 4-03-67	11-10-66 43.0 38.9	1401.0 1405.1	5111 5111	
13N/09W-17C02M	1380.5	11-09-66 4-03-67	34.4 1.6	1346.1 1378.9	5111 5111	13N/09W-22J01M	1419.8 4-03-67	11-09-66 64.6 42.4	1355.2 1377.4	5111 5111	
13N/09W-17K02M	1383.0	11-09-66 4-03-67	20.9 6.7	1362.1 1376.3	5111 5111	13N/09W-22M01M	1485.0 4-03-67	11-10-66 (8) 89.7	1441.9 1395.3	5111 5111	
13N/09W-18J01M	1400.0	10-18-66 3-29-67	27.0 7.1	1373.0 1392.9	5111 5111	13N/09W-22R01M	1440.0 4-03-67	4-03-67 15.1	1424.9	5111	
13N/09W-18R01M	1389.0	10-19-66 3-23-67	11.4 0.4	1377.6 1388.6	5050 5050	13N/09W-23F01M	1426.9 4-03-67	11-07-66 51.8 DRY	1375.1	5111	
13N/09W-19H01M	1400.0	10-19-66 3-29-67	10.0 4.1	1390.0 1395.9	5111 5111	13N/09W-27D01M	1504.0 4-03-67	4-03-67 17.3	1486.7	5111	
13N/09W-19J01M	1410.0	4-03-67	2.7	1407.3	5111	13N/09W-27Q01M	1435.0 4-03-67	11-09-66 30.9 26.1	1404.1 1408.9	5111 5111	
13N/09W-20F01M	1405.3	10-18-66 3-29-67	17.3 8.4	1388.0 1396.9	5111 5111	13N/09W-28J02M	1600.0 4-03-67	11-09-66 95.5 91.1	1504.5 1508.9	5111 5111	
13N/09W-20P01M	1413.0	10-19-66 11-09-66 11-17-66 12-15-66 1-19-67 2-16-67 3-17-67 3-29-67 4-25-67 5-18-67 8-17-67 9-08-67	10.2 (9) 8.4 2.6 6.2 5.0 3.2 4.9 4.3 5.2 9.8 10.8	1402.8 1404.6 1407.4 1406.8 1408.0 1409.8 1408.1 1408.7 1407.8 1407.9 1403.2 1402.0	5050 5111 5050 5050 5050 5050 5050 5111 5050 5050 5050 5050 5050	13N/09W-28K01M	1580.0 4-03-67	11-09-66 56.7 12.3	1523.3 1567.7	5111 5111	
13N/09W-21F01M	1498.7	10-19-66 3-23-67	106.0 105.0	1392.7 1393.7	5050 5050	13N/09W-28N03M	1590.0 4-03-67	11-09-66 84.2 82.1	1505.8 1507.9	5111 5111	
						13N/09W-29I01M	1446.0 3-29-67	11-09-66 18.9 9.9	1427.1 1436.1	5111 5111	
						13N/09W-29R01M	1550.0 4-03-67	11-09-66 98.5 99.8	1451.5 1450.2	5111 5111	
						13N/09W-30A01M	1419.8 3-29-67	11-09-66 16.8 5.6	1403.0 1414.2	5111 5111	

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA					
KELSEYVILLE VALLEY 5-15.00																
14N/09W-31E01M	1329.7	11-07-66 3-29-67	8.4 -0.2	1321.3 1329.9	5111 5111	14N/07W-06F01M	1320.0	10-18-66 3-23-67 4-26-67	(1) (9) 7.8	1312.2	5050 5050 5050					
14N/09W-31N01M	1334.7	11-07-66 3-29-67	16.3 2.5	1318.4 1332.2	5111 5111	14N/07W-06F05M	1320.0	10-18-66 4-26-67	27.6 12.3	1292.4 1307.7	5050 5050					
14N/09W-32G02M	1334.5	11-09-66 4-04-67	17.8 5.7	1316.7 1328.8	5111 5111	HIGH VALLEY 5-16.00										
14N/09W-32M01M	1335.2	11-09-66 4-04-67	15.5 3.9	1319.7 1331.3	5111 5111	14N/07W-19M01M	1730.0	11-01-66 4-11-67	13.2 3.5	1716.8 1726.5	5111 5111					
14N/09W-33K01M	1335.3	10-19-66 11-09-66 11-17-66 12-15-66 1-19-67 2-16-67 3-17-67 4-04-67 4-25-67 5-18-67 5-18-67 8-17-67 9-08-67	15.6 18.1 14.8 10.9 9.9 5.9 (5) 4.9 4.3 6.0 13.1 12.6	1319.7 1316.9 1320.5 1324.4 1325.4 1329.4 1330.4 1331.0 1329.3 1322.2 1322.7	5050 5111 5050 5050 5050 5050 5050 5111 5050 5050 5050 5050 5050	14N/07W-19M02M	1730.0	10-18-66 11-17-66 12-15-66 1-19-67 2-16-67 3-17-67 4-26-67 5-18-67 8-17-67 9-08-67	71.4 70.4 67.5 64.8 60.0 58.8 52.7 51.2 59.5 62.2	1658.6 1659.6 1662.5 1665.2 1670.0 1671.2 1677.3 1678.8 1679.5 1667.8	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050					
14N/09W-33L03M	1330.0	11-09-66 4-04-67	12.9 2.6	1317.1 1327.4	5111 5111	14N/08W-23K01M	1780.0	11-01-66 4-11-67	10.9 0.9	1769.1 1779.1	5111 5111					
14N/09W-33M02M	1337.7	11-09-66 4-04-67	19.1 2.6	1318.6 1335.1	5111 5111	14N/08W-24B02M	1775.0	11-01-66 4-11-67	119.6 105.0	1655.4 1670.0	5111 5111					
14N/09W-34L03M	1336.6	11-09-66 4-04-67	15.8 3.0	1320.8 1333.6	5111 5111	14N/08W-24H01M	1740.0	11-01-66 4-11-67	80.0 58.4	1660.0 1681.6	5111 5111					
14N/09W-35L01M	1339.4	11-10-66 4-04-67	23.7 5.7	1315.7 1333.7	5111 5111	14N/08W-24L01M	1750.0	11-01-66 4-11-67	93.3 73.1	1656.7 1676.9	5111 5111					
14N/09W-35N01M	1342.6	11-10-66 4-04-67	22.7 9.3	1319.9 1333.3	5111 5111	BURNS VALLEY 5-17.00										
14N/10W-25Q01M	1342.2	11-07-66 3-29-67	10.1 2.5	1332.1 1339.7	5111 5111	13N/07W-15Q01M	1385.0	10-18-66 11-17-66 12-15-66	8.4 8.2 5.9	1376.6 1376.8 1379.1	5050 5050 5050					

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
BURNS VALLEY 5-17.00											
13N/07W-15Q01M CONT.	1385.0	1-19-67. 2-16-67 3-17-67 4-26-67 5-18-67 8-17-67 9-08-67	4.7 2.2 1.0 0.9 0.9 7.4 7.8	1380.3 1382.8 1384.0 1384.1 1384.1 1377.6 1377.2	5050 5050 5050 5050 5050 5050 5050	11N/06W-19G01M CONT.	967.8	2-16-67 3-17-67 4-26-67 5-18-67 8-17-67 9-08-67	10.6 10.7 10.1 11.6 14.6 14.6	957.2 957.1 957.7 956.2 953.2 953.2	5050 5050 5050 5050 5050 5050
13N/07W-21H01M	1360.0	10-01-66 4-11-67	26.0 13.0	1334.0 1347.0	5111 5111	11N/06W-19P02M	963.1	10-28-66 4-11-67	27.1 10.9	936.0 952.2	5111 5111
13N/07W-28R01M	1330.0	11-01-66 4-11-67	9.7 2.9	1320.3 1327.1	5111 5111	11N/06W-20E01M	973.3	10-28-66 4-11-67	21.3 10.8	952.0 962.5	5111 5111
LOWER LAKE AREA 5-30.00											
12N/07W-01M03M	1330.0	10-28-66 4-11-67	21.8 6.3	1308.2 1323.7	5111 5111	11N/06W-27M01M	944.6	10-28-66 4-11-67	18.6 8.4	926.0 936.2	5111 5111
12N/07W-03J01M	1375.0	10-28-66 4-11-67	20.1 10.3	1354.9 1364.7	5111 5111	11N/06W-29M01M	955.1	10-28-66 4-11-67	33.8 6.3	921.3 948.8	5111 5111
12N/07W-13N01M	1360.0	10-18-66 11-17-66 12-15-66 1-19-67 (1) 2-16-67 3-17-67 4-26-67 5-18-67 5-18-67 9-08-67	19.1 19.0 15.3 18.5 12.8 9.6 9.4 1350.4 1350.6 1347.1 1342.9 1342.4	1340.9 1341.0 1344.7 1341.5 1347.2 1350.4 1350.6 1347.1 1342.9 1342.4	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	11N/07W-13M01M	993.4	10-28-66 4-11-67	20.6 12.2	972.8 981.2	5111 5111
11N/06W-19P01M	964.7	10-28-66 4-11-67	DRY 10.1	954.6	5111 5111	11N/07W-25P01M	986.7	10-28-66 4-11-67	8.4 -0.5	978.3 987.2	5111 5111
COYOTE VALLEY 5-18.00											
11N/06W-19G01M	967.8	10-18-66 11-17-66 12-15-66 1-19-67	15.8 14.5 10.5 12.7	952.0 953.3 957.3 955.1	5050 5050 5050 5050	10N/06W-06L01M	1106.4	10-27-66 4-10-67	11.3 1.5	1095.1 1104.9	5111 5111
10N/06W-06R01M	1110.2	10-27-66 4-10-67	8.2 0.2	1102.0 1110.0	5111 5111	10N/06W-08K01M	1152.6	10-27-66 4-10-67	20.7 5.6	1131.9 1147.0	5111 5111
10N/07W-01A01M	1087.3	10-27-66 4-10-66	12.7 2.7	1074.6 1084.6	5111 5111						

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
COLLAYOMI VALLEY 5-19.00											
10N/07W-03A02M	1107.7	10-18-66	28.8	1078.9	5050	23N/02W-16B01M	182.5	10-10-66	38.5	144.0	5100
		11-17-66	15.4	1092.3	5050			3-06-67	28.0	154.5	5100
		12-15-66	11.9	1095.8	5050	23N/02W-22N02M	181.0	10-10-66	(1)		5100
		1-19-67	13.8	1093.9	5050			3-06-67	27.5	153.5	5100
		2-16-67	13.0	1094.7	5050	23N/02W-34A01M	170.0	10-10-66	33.3	136.7	5100
		3-17-67	11.1	1096.6	5050			3-06-67	18.3	151.7	5100
		4-26-67	11.7	1096.0	5050	23N/03W-05G01M	277.0	10-19-66	56.2	220.8	5050
		5-18-67	13.4	1094.3	5050			11-18-66	56.7	220.3	5050
		8-17-67	20.5	1087.2	5050			12-19-66	54.6	222.4	5050
		9-08-67	(3) 25.5	1082.2	5050			1-18-67	56.9	220.1	5050
								2-20-67	53.0	224.0	5050
10N/07W-03B02M	1109.0	10-26-66	24.6	1084.4	5111			3-21-67	49.4	227.6	5050
		4-10-67	(1) 10.6	1098.4	5111			4-21-67	51.2	225.8	5050
10N/07W-03L04M	1125.8	10-27-66	11.5	1114.3	5111			5-17-67	44.8	232.2	5050
		4-10-67	7.6	1118.2	5111			6-20-67	47.9	229.1	5050
10N/07W-03M01M	1146.2	10-26-66	25.0	1121.2	5111			7-25-67	50.2	226.8	5050
		4-10-67	10.1	1136.1	5111			8-25-67	52.2	224.8	5050
10N/07W-04H01M	1131.3	10-26-66	22.1	1109.2	5111			9-20-67	56.7	220.3	5050
		4-10-67	5.6	1125.7	5111	23N/03W-12G01M	266.0	10-10-66	100.5	165.5	5100
10N/07W-14F02M	1234.2	10-26-66	8.7	1225.5	5111			3-06-67	95.3	170.7	5100
		4-10-67	5.6	1228.6	5111	23N/03W-12P01M	216.0	10-10-66	37.2	178.8	5100
11N/07W-33J02M	1103.9	10-26-66	10.4	1093.5	5111			3-06-67	20.0	196.0	5100
		4-10-67	3.2	1100.7	5111	23N/03W-13C02M	211.0	10-19-66	28.6	182.4	5050
11N/07W-33M01M	1150.6	10-26-66	19.1	1131.5	5111			11-18-66	29.0	182.0	5050
		4-10-67	5.0	1145.6	5111			12-19-66	26.5	184.5	5050
11N/07W-34K01M	1088.2	10-26-66	14.8	1073.4	5111			1-17-67	(1)		5050
		4-10-67	6.7	1081.5	5111			2-20-67	20.7	190.3	5050
11N/07W-35E01M	1077.0	10-27-66	17.1	1059.9	5111			3-21-67	19.2	191.8	5050
		4-10-67	6.7	1070.3	5111			4-21-67	17.5	193.5	5050
								5-17-67	19.1	191.9	5050
								6-20-67	18.5	192.5	5050
								7-25-67	21.7	189.3	5050
								8-25-67	24.0	187.0	5050
								9-20-67	25.2	185.8	5050
SACRAMENTO VALLEY 5-21.00											
TEHAMA COUNTY 5-21.01											
23N/02W-07R01M	255.0	10-10-66	102.9	152.1	5100	23N/03W-22Q01M	232.0	10-10-66	58.6	173.4	5100
		3-06-67	88.3	166.7	5100			3-07-67	44.5	187.5	5100

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
TEHAMA COUNTY 5-21.01											
23N/03W-24A02M	205.0	10-10-66	48.0	157.0	5100	24N/03W-03J01M	276.0	3-21-67	26.2	249.8	5050
		3-06-67	30.1	174.9	5100			4-21-67	26.2	249.8	5050
24N/01W-06A01M	281.0	10-10-66	16.1	264.9	5100			5-17-67	25.8	250.2	5050
		3-06-67	17.4	263.6	5100			6-20-67	27.2	248.8	5050
24N/01W-08R01M	275.0	10-10-66	62.8	212.2	5100			7-25-67	29.9	246.1	5050
		3-06-67	58.4	216.6	5100			8-25-67	32.4	243.6	5050
24N/01W-18N01M	254.0	10-10-66	60.0	194.0	5100			9-20-67	30.5	245.5	5050
		3-06-67	58.3	195.7	5100	24N/03W-03N02M	285.8	10-11-66	60.1	225.7	5100
24N/02W-02N01M	205.0	10-19-66	9.7	195.3	5050			3-07-67	37.6	248.2	5100
		11-18-66	8.4	196.6	5050	24N/03W-14K01M	297.0	10-11-66	87.3	209.7	5100
		12-19-66	8.2	196.8	5050			3-07-67	63.9	233.1	5100
		1-17-67	8.3	196.7	5050	24N/03W-16A01M	288.5	10-11-66	63.2	224.8	5100
		2-20-67	6.5	198.5	5050			3-07-67	49.9	238.6	5100
		3-21-67	7.5	197.5	5050	24N/03W-26K01M	280.0	10-11-66	75.8	204.2	5100
		4-21-67	7.0	198.0	5050			3-07-67	50.8	229.2	5100
		5-17-67	9.8	195.2	5050	24N/03W-35P04M	250.0	10-11-66	46.7	203.3	5100
		6-17-67	6.0	199.0	5050			3-07-67	25.8	224.2	5100
		7-25-67	6.1	198.9	5050	24N/04W-02N01M	379.2	10-11-66	19.2	360.0	5100
		8-25-67	7.5	197.5	5050			3-07-67	13.8	365.4	5100
		9-20-67	6.2	198.8	5050	24N/04W-07R01M	460.0	10-19-66	69.9	390.1	5001
								3-06-67	64.4	395.6	5001
24N/02W-17J01M	192.0	10-10-66	(0)			24N/04W-08J02M	435.0	10-19-66	(1)		5001
								3-06-67	63.6	371.4	5001
24N/02W-23G01M	197.0	10-10-66	20.5	176.5	5100	24N/04W-09A02M	405.0	10-19-66	(1)		5001
		3-06-67	19.5	177.5	5100			3-06-67	87.5	317.5	5001
24N/02W-28G01M	188.4	10-10-66	31.0	157.4	5100	24N/04W-09J01M	420.0	10-19-66	119.0	301.0	5001
		3-06-67	29.0	159.4	5100			3-06-67	70.7	349.3	5001
24N/02W-29E01M	216.5	10-10-66	51.3	165.2	5100	24N/04W-09J02M	422.0	10-19-66	86.2	335.8	5001
		3-06-67	35.1	181.4	5100			3-06-67	67.7	354.3	5001
24N/02W-36B01M	180.0	10-10-66	16.0	164.0	5100	24N/04W-14N02M	372.5	10-11-66	86.5	286.0	5100
		3-06-67	15.4	164.6	5100			3-07-67	70.0	301.8	5100
24N/03W-03J01M	276.0	10-19-66	(1)								
		11-18-66	32.4	243.6	5050						
		12-19-66	30.1	245.9	5050						
		1-17-67	29.2	246.8	5050						
		2-20-67	27.4	248.6	5050						

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
TEHAMA COUNTY 5-21.01											
24N/04W-15R01M	370.0		(6)		5050	25N/03W-10L01M	274.0	10-19-66	62.0	212.0	5050
24N/04W-21G01M	396.0	10-11-66 3-07-67	80.3 71.4	315.7 324.6	5100 5100		11-18-66	47.6	226.4	5050	
24N/04W-24H01M	342.0	10-11-66 3-07-67 3-07-67	121.5 73.2 (0)	220.5 268.8 5100	5100 5100		12-19-66	40.4	233.6	5050	
24N/05W-12N01M	499.0	10-11-66 3-07-67	31.7 29.6	467.3 469.4	5100 5100		1-17-67	39.5	234.5	5050	
25N/01W-31M01M	280.0	10-10-66 3-06-67	59.8 58.5	220.2 221.5	5100 5100		2-20-67	36.2	237.8	5050	
25N/02W-06N01M	221.0	10-11-66 3-07-67	21.3 13.9	199.7 207.1	5100 5100		3-21-67	36.1	237.9	5050	
25N/02W-16H01M	218.0	10-11-66 3-07-67	19.2 18.2	198.8 199.8	5100 5100		4-21-67	35.1	238.9	5050	
25N/02W-18D01M	213.0	10-11-66 3-07-67	13.0 7.3	200.0 205.7	5100 5100		5-17-67	54.9	219.1	5050	
25N/02W-18F01M	215.0	10-11-66 3-07-67	17.7 11.8	197.3 203.2	5100 5100		6-20-67	70.2	203.8	5050	
25N/02W-30G01M	226.0	10-11-66 3-07-67	40.5 36.7	185.5 189.3	5100 5100		7-25-67	81.6	192.4	5050	
25N/02W-34K01M	204.0	10-10-66 3-07-67	14.3 13.3	189.7 190.7	5100 5100		8-25-67	81.4	192.6	5050	
25N/03W-03L01M*	275.0	10-12-66 3-10-67	31.9 34.0	243.1 241.0	5100 5100		9-20-67	71.4	202.6	5050	
25N/03W-06B01M	319.5	10-12-66 3-10-67	42.3 39.2	277.2 280.3	5100 5100						
25N/03W-09K01M	285.6	10-12-66 3-10-67	62.4 38.2	223.2 247.4	5100 5100						

*Previously published as 25N/03W-03N01M

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
TEHAMA COUNTY 5-21.01												
25N/03W-10L04M	274.0	10-19-66 11-18-66 12-19-66 1-17-67 2-20-67 3-21-67 4-21-67 5-17-67 6-20-67 7-25-67 8-25-67 9-20-67	24.7 23.2 21.7 20.8 18.9 17.7 16.9 16.9 18.5 19.2 20.2 20.9	249.3 250.8 252.3 253.2 255.1 256.3 257.1 257.6 255.5 254.8 253.8 253.1	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050		25N/03W-15P01M	271.7	10-11-66 3-08-67	(1) 34.5	237.2	5100
25N/03W-10L05M	274.0	10-19-66 11-18-66 12-19-66 1-17-67 2-20-67 3-21-67 4-21-67 5-17-67 6-20-67 7-25-67 8-25-67 9-20-67	20.6 17.9 13.1 13.5 12.2 12.8 13.0 15.5 19.4 254.6 20.7 21.2 20.6	253.4 256.1 260.9 260.5 261.8 261.2 261.0 258.5 254.6 253.3 252.8 252.8 253.4	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050		25N/03W-19N01M	325.0	10-12-66 3-08-67	82.2 57.3	242.8 267.7	5100
							25N/03W-20E01M	305.0	10-12-66 3-08-67	62.1 39.6	242.9 265.4	5100
							25N/03W-22C01M	268.3	10-12-66 3-08-67	46.5 26.0	221.8 242.3	5100
							25N/03W-22L01M	275.0	10-12-66 3-08-67	67.3 37.2	207.7 237.8	5100
							25N/03W-31R01M	318.0	10-11-66 3-07-67	21.5 4.9	296.5 313.1	5100
							26N/02W-04B01M	270.0	10-13-66 3-08-67	42.0 37.8	228.0 232.2	5100
							26N/02W-05D01M	252.0	10-19-66 11-18-66 12-19-66 1-17-67 2-20-67 3-21-67 4-21-67 5-17-67 6-20-67 7-25-67 8-25-67 9-20-67	27.0 23.4 20.3 21.6 19.0 19.9 19.5 20.0 20.3 25.0 25.5 23.5 24.9	225.0 228.6 231.7 230.4 233.0 232.1 232.5 232.0 227.0 229.5 228.5 227.1	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
							26N/02W-09D01M	246.0	10-13-66 3-08-67	23.5 19.1	222.5 226.9	5100
							26N/02W-14G01M	311.7	10-13-66 3-08-67	88.1 78.1	223.6 233.6	5100
							26N/02W-21Q01M	235.0	10-13-66 3-08-67	23.3 16.1	211.7 218.9	5100
							26N/02W-29N01M	220.0	10-12-66 3-08-67	15.4 13.2	204.6 206.8	5100

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
TFHAMA COUNTY 5-21.01											
26N/02W-29R01M	228.0	10-13-66 3-08-67	9.1 4.6	218.9 223.4	5100 5100	26N/03W-34P01M	272.9	10-12-66 3-10-67	64.5 39.7	208.4 233.2	5100 5100
26N/02W-29R02M	228.0	10-13-66 3-08-67	8.9 1.5	219.1 226.5	5100 5100	27N/02W-29E01M	294.3	10-19-66 11-18-66 12-19-66 1-17-67 2-20-67 3-21-67 4-21-67 5-17-67 6-20-67 7-25-67 8-25-67 9-20-67	58.4 56.4 54.9 54.1 52.5 52.1 51.2 51.2 54.2 (1) (1) 57.4	235.9 237.9 239.4 240.2 241.8 242.2 243.1 243.1 240.1 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
26N/03W-04K01M	295.0	10-12-66 3-10-67	83.5 64.4	211.5 230.6	5100 5100	27N/02W-30C01M	280.0	6-28-67 7-25-67 8-25-67 9-20-67	29.1 30.3 32.5 30.9	250.9 249.7 247.5 249.1	5050 5050 5050 5050
26N/03W-06Q01M	314.8	10-12-66 3-10-67	71.6 20.6	243.2 294.2	5100 5100	27N/02W-31C01M	261.0	10-13-66 3-08-67	29.8 25.0	231.2 236.0	5050 5050
26N/03W-08N01M	307.6	10-12-66 3-10-67	55.8 50.3	252.8 257.3	5100 5100	27N/02W-31P01M	255.0	10-13-66 3-08-67	20.9 18.1	234.1 236.9	5100 5100
26N/03W-11F01M	262.0	10-12-66 3-10-67	42.7 32.9	219.3 229.1	5100 5100	27N/03W-10N01M	280.0	10-13-66 3-08-67	37.7 31.0	242.3 249.0	5100 5100
26N/03W-14A01M	252.1	10-12-66 3-10-67	33.2 25.9	218.9 226.2	5100 5100	27N/03W-19A01M	330.0	10-12-66 3-06-67	48.8 30.5	281.2 299.5	5100 5100
26N/03W-19A01M	310.5	10-12-66 3-10-67	19.3 6.8	291.2 303.7	5100 5100	27N/03W-19J01M	310.0	10-13-66 3-07-67	98.6 83.0	211.4 227.0	5100 5100
26N/03W-21P01M	284.5	10-19-66 11-18-66 12-19-66 1-17-67 2-20-67 3-21-67 4-21-67 5-17-67 6-20-67 7-25-67 8-25-67 9-20-67	73.3 57.8 51.9 50.6 46.3 47.2 46.8 60.0 72.0 81.6 82.3 81.4	211.2 226.7 232.6 233.9 238.2 237.3 237.7 224.5 212.5 202.9 202.2 203.1	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	27N/03W-27D01M	269.0	10-13-66 3-08-67	31.6 24.5	237.4 244.5	5100 5100
26N/03W-24F01M	230.0	10-12-66 3-10-67	15.4 9.3	214.6 200.7	5100 5100	27N/03W-36J01M	251.0	10-13-66 3-08-67	19.1 16.1	231.9 234.9	5100 5100
26N/03W-31N01M	331.2	10-12-66 3-10-67	DRY 49.7	281.5	5100 5100	27N/04W-35E01M	436.0	10-12-66 3-10-67	131.9 111.2	304.1 324.8	5100 5100
26N/03W-34L02M	270.7	10-12-66 3-10-67	58.8 34.3	211.9 237.3	5100 5100						

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
GLENN COUNTY 5-21.02												
18N/01E-17D01M	70.4	10-19-66 3-16-67	8.5 6.1	61.9 64.3	5105 5105	18N/03W-10L01M	95.0	10-17-66 11-16-66 12-20-66 1-18-67 2-23-67 3-21-67 4-20-67 5-22-67 6-19-67 7-25-67 8-24-67 9-18-67	4.4 4.0 3.8 5.1 4.5 4.4 4.3 5.2 2.7 6.3 6.6 5.9	90.7 91.1 91.3 89.9 90.5 90.6 90.7 89.8 89.3 88.7 88.4 89.1	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	
18N/01W-01Q02M	73.0	10-12-66 3-07-67	6.9 3.1	66.1 69.9	5105 5105	18N/03W-20C01M	109.0	10-18-66 3-11-67	3.0 3.4	106.0 105.6	5105 5105	
18N/01W-03J01M	77.0	10-19-66 3-14-67	14.0 8.2	63.5 69.3	5105 5105	18N/03W-22D01M	94.0	10-18-66 3-11-67	3.0 2.4	91.0 91.6	5105 5105	
18N/01W-07D01M	81.0	10-19-66 3-13-67	7.9 7.1	73.1 73.9	5105 5105	18N/04W-11B03M	151.0	10-18-66 3-15-67	31.6 31.0	119.4 120.0	5105 5105	
18N/01W-13A01M	74.4	10-20-66 3-14-67	11.1 4.8	63.3 69.6	5105 5105	18N/04W-12A01M	130.0	10-18-66 3-08-67	12.6 11.7	117.4 118.3	5105 5105	
18N/01W-14D01M	75.8	10-19-66 3-16-67	9.3 5.5	66.5 70.3	5105 5105	18N/04W-23F01M	151.0	10-18-66 3-11-67	17.3 14.6	133.7 136.4	5105 5105	
18N/01W-16B01M	74.0	10-19-66 3-14-67	11.7 8.8	62.3 65.2	5105 5105	19N/01E-08R01M	91.0	10-20-66 3-16-67	6.7 6.6	84.3 84.4	5105 5105	
18N/01W-17A01M	80.3	10-19-66 3-14-67	18.0 12.2	62.3 68.1	5105 5105	19N/01W-07B01M	96.0	10-14-66 3-07-67	25.4 23.1	70.6 72.9	5105 5105	
18N/01W-17G01M	79.0	10-19-66 3-14-67	17.4 11.3	61.6 67.7	5105 5105	19N/01W-09C01M	97.0	10-20-66 3-07-67	19.8 14.8	77.2 82.2	5105 5105	
18N/01W-17J01M	77.3	10-19-66 3-14-67	14.0 13.7	63.3 63.6	5105 5105	19N/01W-10D01M	94.0	10-20-66 3-16-67	15.0 9.8	79.0 82.7	5105 5105	
18N/01W-22L01M	70.0	10-21-66 3-07-67	8.8 5.8	61.2 64.2	5105 5105	19N/01W-14K01M	87.0	10-20-66 3-16-67	10.1 7.8	76.9 79.2	5105 5105	
18N/02W-01N01M	75.0	10-19-66 3-13-67	6.8 5.5	68.2 69.5	5105 5105							
18N/02W-07C01M	85.0	10-18-66 3-08-67	18.7 9.2	66.3 75.8	5105 5105							
18N/03W-09A01M	102.7	11-19-66 3-11-67	4.4 4.8	98.3 97.9	5105 5105							
18N/03W-09A02M	102.7	10-19-66 3-11-67	4.2 5.8	98.5 96.9	5105 5105							

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
GLENN COUNTY 5-21.02												
19N/01W-15D01M	91.0	10-20-66 3-15-67	13.6 9.6	77.4 81.8	5105 5105	19N/02W-30D01M	100.0	10-19-66 3-15-67	12.1 8.7	87.9 91.3	5105 5105	
19N/01W-20A01M	94.8	10-20-66 3-07-67	24.3 19.5	70.5 75.3	5105 5105	19N/02W-34F01M	83.0	10-19-66 3-15-67	5.5 3.7	77.5 79.3	5105 5105	
19N/01W-26N01M	80.8	10-20-66 3-14-67	12.2 8.6	68.6 72.2	5105 5105	19N/02W-36H01M	81.4	10-19-66 3-13-67	7.4 5.6	74.0 75.8	5105 5105	
19N/02W-01F01M	92.0	10-14-66 3-15-67	6.1 3.8	85.9 88.2	5105 5105	19N/03W-01H01M	117.0	10-13-66 3-16-67	8.8 9.4	108.2 107.6	5105 5105	
19N/02W-05N01M	111.0	10-14-66 3-15-67	6.7 8.6	104.3 102.4	5105 5105	19N/03W-02N01M	120.0	10-17-66 3-16-67	10.0 10.6	110.0 109.4	5105 5105	
19N/02W-09A01M	96.1	10-14-66 3-15-67	4.2 6.0	91.9 90.1	5105 5105	19N/03W-03Q01M	128.0	10-17-66 3-15-67	8.3 12.1	119.7 115.9	5105 5105	
19N/02W-10H01M	92.0	10-14-68 3-15-67	7.5 5.1	84.5 86.9	5105 5105	19N/03W-08B01M	134.1	10-18-66 3-11-67	31.9 31.8	102.2 102.3	5105 5105	
19N/02W-13J01M	86.0	10-17-66 11-16-66 12-19-66 1-18-67 2-23-67 3-21-67 4-20-67 5-22-67 6-19-67 7-25-67 8-24-67 9-18-67	11.5 12.0 8.1 19.0 6.2 8.4 8.5 7.6 8.5 10.1 10.2 9.7	74.5 74.0 77.9 76.0 79.8 77.6 77.5 78.4 77.5 75.9 75.8 76.3	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	19N/03W-11N02M	123.0	10-19-66 3-15-67	14.9 13.3	108.1 109.7	5105 5105
						19N/03W-14N01M	107.7	10-19-67 3-15-67	6.0 7.2	101.7 100.5	5105 5105	
						19N/03W-29N01M	129.0	10-18-66	(6)		5105	
						19N/04W-01A01M	165.0	10-18-66 3-08-67	58.4 52.5	106.6 112.5	5105 5105	
						19N/04W-03J01M	188.7	10-18-66 3-11-67	33.9 32.5	154.8 156.2	5105 5105	
19N/02W-15J01M	85.0	10-14-66 3-15-67	7.2 8.8	77.8 80.2	5105 5105	19N/04W-11L01M	184.0	10-18-66 3-11-67	55.0 56.5	129.0 127.5	5105 5105	
19N/02W-19D01M	103.0	10-19-66 3-15-67	5.2 5.8	97.8 97.2	5105 5105	19N/04W-12E01M	174.0	10-17-66 11-16-66 12-20-66 1-18-67 2-23-67 3-21-67 4-20-67	70.0 64.0 62.5 61.9 61.9 59.6 60.6	104.0 110.0 111.5 112.1 112.1 114.4 113.4	5050 5050 5050 5050 5050 5050 5050	
19N/02W-23Q01M	86.0	10-19-66 3-13-67	10.0 7.0	76.0 79.0	5105 5105							
19N/02W-29Q01M	90.0	10-19-66 3-15-67	4.4 3.8	85.6 86.2	5105 5105							

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
GLENN COUNTY 5-21.02											
19N/04W-12E01M CONT.	174.0	5-22-67 6-19-67 7-25-67 8-24-67 9-18-67	63.3 83.2 90.9 89.4 74.7	110.7 90.8 83.1 84.6 99.3	5050 5050 5050 5050 5050	20N/02W-29G01M CONT.	117.0	6-19-67 7-25-67 8-24-67 9-18-67	3.4 4.5 4.6 4.2	113.6 112.5 112.4 112.8	5050 5050 5050 5050
19N/04W-25B01M	152.3	10-18-66 3-08-67	43.1 43.3	109.2 109.0	5105 5105	20N/03W-03D01M	165.0	10-13-66	(0)		5105
19N/04W-35C01M	165.0	10-18-66 3-11-67	68.3 61.2	96.7 103.8	5105 5105	20N/03W-07K03M	166.0	10-19-66 3-15-67	62.9 46.2	103.1 119.8	5001 5001
20N/01W-07B01M	115.0	10-14-66 3-13-67	8.4 9.2	106.6 105.8	5105 5105	20N/03W-10B01M	155.0	10-17-66 3-08-67	51.5 28.0	103.5 127.0	5105 5105
20N/01W-20N02M	102.0	10-14-66 3-13-67	15.6 14.6	86.4 87.4	5105 5105	20N/03W-10D02M	156.0	10-17-66 3-08-67	50.1 28.3	105.9 127.7	5105 5105
20N/01W-31E01M	96.0	10-14-66 3-13-67	10.7 7.0	85.3 89.0	5105 5105	20N/03W-12C01M	159.0	10-17-66 3-08-67	43.5 36.5	115.5 122.5	5105 5105
20N/02W-02J01M	125.0	10-14-66 3-13-67	9.1 9.2	115.9 115.8	5105 5105	20N/03W-19B01M	159.5	10-19-66 3-15-67	50.2 36.2	109.3 123.8	5001 5001
20N/02W-05A01M	144.0	10-13-66 3-07-67	22.2 16.3	121.8 127.7	5105 5105	20N/03W-21A02M	143.7	10-19-66 3-15-67	41.5 30.4	102.2 113.3	5001 5001
20N/02W-09A01M	131.8	10-13-66 3-16-67	6.6 8.6	125.2 123.2	5105 5105	20N/03W-24B03M	144.0	10-13-66 3-08-67	33.6 27.0	110.4 117.0	5050 5050
20N/02W-13G01M	113.0	10-14-66 3-13-67	4.0 3.0	109.0 110.0	5105 5105	20N/03W-25Q01M	134.0	10-13-66 3-13-67	24.3 22.4	109.7 111.6	5105 5105
20N/02W-27J01M	102.0	10-13-66 3-13-67	5.8 5.4	96.2 96.6	5105 5105	20N/03W-31A01M	147.5	10-19-66 3-15-67	50.3 44.7	97.2 102.8	5001 5001
20N/02W-29G01M	117.0	10-17-66 11-16-66 12-19-66 1-18-67 2-23-67 3-21-67 4-20-67 5-22-67	6.8 7.3 6.9 8.3 7.5 8.0 8.0 3.4	110.2 109.7 110.1 108.7 109.5 109.0 109.0 113.6	5050 5050 5050 5050 5050 5050 5050 5050	20N/03W-33J01M	136.0	10-19-66 3-15-67	34.5 (7)	101.5	5001 5001
						21N/01W-04N01M	135.0	10-11-66 3-10-66	21.4 16.0	113.6 119.0	5105 5105

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
GLENN COUNTY 5-21.02											
21N/01W-05A01M	143.5	10-11-66 3-07-67	30.2 26.7	113.3 116.8	5105 5105	21N/02W-28M01M	151.0	10-13-66 3-07-67	34.0 29.7	117.0 121.3	5105 5105
21N/01W-09N01M	129.0	10-13-66 3-14-67	21.0 14.1	108.0 114.9	5105 5105	21N/02W-31D01M	165.0	10-13-66 3-07-67	46.7 36.0	118.3 129.0	5105 5105
21N/01W-17F01M	132.5	10-12-66 3-14-67	17.2 17.5	115.3 115.0	5105 5105	21N/02W-31D02M	165.0	10-13-66 3-07-67	47.0 38.5	119.0 126.5	5105 5105
21N/01W-18F01M	139.1	10-12-66 3-10-67	10.5 8.6	128.6 130.5	5105 5105	21N/02W-31M01M	161.0	10-13-66 3-07-67	45.8 31.6	115.2 129.4	5105 5105
21N/01W-31E01M	129.8	10-14-66 3-14-67	11.3 13.4	118.5 116.4	5105 5105	21N/02W-35P01M	128.0	10-14-66 3-08-67	11.1 8.9	116.9 119.1	5105 5105
21N/01W-33N01M	115.0	10-14-66 3-14-67	19.3 16.2	95.7 98.8	5105 5105	21N/03W-02B01M	219.0	10-17-66 11-16-66 12-19-66 1-18-67 2-23-67 3-21-67 4-20-67 5-22-67 6-19-67 7-25-67 8-24-67 9-18-67	38.8 23.5 20.1 18.9 16.5 17.1 18.2 (1) 42.1 (1) 40.1	180.2 195.5 188.9 200.1 202.3 201.9 200.8 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	5105 5105 5105 5105 5105 5105 5105 5105 5105 5105 5105 5105
21N/02W-02B02M	161.0	10-11-66 3-10-67	28.5 22.3	132.5 138.7	5105 5105	21N/03W-09R01M	220.8	10-09-66 3-15-67	42.1 34.2	178.7 186.6	5001 5001
21N/02W-03Q01M	162.6	10-11-66 3-10-67	26.1 16.3	136.5 146.3	5105 5105	21N/03W-10J01M	205.7	10-17-66 11-16-66 12-19-66 1-18-67 2-23-67 3-21-67 4-20-67 5-22-67 6-19-67 7-25-67 8-24-67 9-18-67	28.8 26.5 23.8 22.7 22.8 22.1 21.2 23.4 27.3 30.0 30.4 30.1	176.7 170.2 181.9 183.0 182.9 183.6 184.5 182.3 178.4 175.7 175.3 175.6	5001 5001 5001 5001 5001 5001 5001 5001 5001 5001 5001 5001
21N/02W-09M02M	179.0	10-12-66 3-07-67	48.9 34.1	130.1 144.9	5105 5105	21N/03W-31R03M	183.0	10-17-66 11-16-66 12-19-66 1-18-67 2-23-67 3-21-67 4-20-67 5-22-67 6-19-67 7-25-67 8-24-67 9-18-67	5.9 5.7 5.1 4.7 4.4 4.4 3.6 4.6 4.6 4.7 4.9 4.4	177.1 177.3 177.9 178.3 178.6 179.4 178.4 178.4 178.3 178.1 178.0 178.6	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
21N/02W-15B01M	161.0	10-17-66 3-07-67	38.5 20.1	122.5 140.9	5105 5105	21N/03W-31R04M	183.0	10-17-66 11-16-66 12-19-66 1-18-67 2-23-67 3-21-67 4-20-67 5-22-67 6-19-67 7-25-67 8-24-67 9-18-67	68.9 62.6 58.0 55.3 52.1 51.2 48.3 70.1 65.7 66.3 79.2 75.1	114.1 120.4 125.0 127.7 130.9 131.8 134.7 112.6 117.3 103.8 107.9	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
21N/02W-20B01M	166.0	10-12-66 3-07-67	48.3 32.8	117.7 133.2	5105 5105	21N/03W-31R05M	183.0	10-17-66 11-16-66 12-19-66 1-18-67 2-23-67 3-21-67 4-20-67 5-22-67 6-19-67 7-25-67 8-24-67 9-18-67	68.8 63.5 57.7 55.2 51.3 50.5 58.4	114.2 119.5 125.3 127.8 131.7 132.5 124.6	5050 5050 5050 5050 5050 5050 5050
21N/02W-20E01M	170.0	10-11-66 3-10-67	50.8 36.8	119.2 133.2	5105 5105	21N/03W-31R06M	183.0	10-17-66 11-16-66 12-19-66 1-18-67 2-23-67 3-21-67 4-20-67 5-22-67 6-19-67 7-25-67 8-24-67 9-18-67	3.5 5.0 1.4 3.7 2.4 2.8	177.1 178.0 181.6 179.3 180.6 180.2	5050 5050 5050 5050 5050 5050 5050
21N/02W-22J01M	152.0	10-12-66 3-08-67	32.5 23.7	119.5 128.3	5105 5105						
21N/02W-23G01M	152.0	10-13-66 3-08-67	28.2 20.1	123.8 131.9	5105 5105						
21N/02W-23H01M	146.6	10-12-66 3-08-67	18.7 12.9	123.9 129.7	5105 5105						

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
GLENN COUNTY 5-21.02											
21N/03W-11G01M	200.0	10-12-66 3-08-67	48.6 26.5	151.4 173.5	5105 5105	21N/03W-31R03M	183.0	10-17-66 11-16-66 12-19-66 1-18-67 2-23-67 3-21-67 4-20-67 5-22-67 6-19-67 7-25-67 8-24-67 9-18-67	5.9 5.7 5.1 4.7 4.4 4.4 3.6 4.6 4.6 4.7 4.9 4.4	177.1 177.3 177.9 178.3 178.6 179.4 178.4 178.4 178.3 178.1 178.0 178.6	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
21N/03W-11M01M	206.5	10-17-66 3-08-67	69.9 44.0	137.2 162.5	5105 5105	21N/03W-31R04M	183.0	10-17-66 11-16-66 12-19-66 1-18-67 2-23-67 3-21-67 4-20-67 5-22-67 6-19-67 7-25-67 8-24-67 9-18-67	68.9 62.6 58.0 55.3 52.1 51.2 48.3 70.1 65.7 66.3 79.2 75.1	114.1 120.4 125.0 127.7 130.9 131.8 134.7 112.6 117.3 103.8 107.9	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
21N/03W-12C01M	202.0	10-12-66 3-08-67	39.2 23.0	162.8 179.0	5105 5105	21N/03W-31R05M	183.0	10-17-66 11-16-66 12-19-66 1-18-67 2-23-67 3-21-67 4-20-67 5-22-67 6-19-67 7-25-67 8-24-67 9-18-67	68.8 63.5 57.7 55.2 51.3 50.5 58.4	114.2 119.5 125.3 127.8 131.7 132.5 124.6	5050 5050 5050 5050 5050 5050 5050
21N/03W-12C02M	202.0	10-12-66 3-08-67	44.8 24.0	157.2 178.0	5105 5105	21N/03W-31R06M	183.0	10-17-66 11-16-66 12-19-66 1-18-67 2-23-67 3-21-67 4-20-67 5-22-67 6-19-67 7-25-67 8-24-67 9-18-67	3.5 5.0 1.4 3.7 2.4 2.8	177.1 178.0 181.6 179.3 180.6 180.2	5050 5050 5050 5050 5050 5050 5050
21N/03W-14B01M	197.8	10-12-66 3-10-67	40.6 31.4	157.2 166.4	5105 5105						
21N/03W-15C01M	215.0	10-18-66 3-10-67	43.9 33.0	171.1 182.0	5105 5105						
21N/03W-18B01M	218.0	10-19-66 3-15-67	86.6 71.8	131.4 146.2	5001 5001						
21N/03W-20D02M	206.1	10-19-66 3-15-67	72.8 56.2	133.3 149.9	5001 5001						
21N/03W-29R02M	192.0	10-19-66 3-15-67	69.6 50.3	122.4 141.7	5001 5001						
21N/03W-31C02M	199.0	10-19-66 3-15-67	83.7 67.5	115.3 131.5	5001 5001						
21N/03W-31K01M	192.0	10-19-66 3-15-67	91.0 (1)	101.0	5001 5001						
21N/03W-31R02M	183.0	10-17-66 11-16-66 12-19-66 1-18-67 2-23-67 3-21-67 4-20-67 5-22-67 6-19-67 7-25-67 8-24-67 9-18-67	74.0 64.2 59.9 57.4 54.7 53.9 52.0 59.4 71.4 79.8 77.1 75.4	109.0 118.8 123.1 125.6 128.3 129.1 131.0 123.6 111.6 103.2 105.9 107.6	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050						

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
GLENN COUNTY 5-21.02											
21N/03W-31R06M CONT.	183.0	4-20-67	4.1	178.9	5050	22N/02W-05B01M	199.7	10-10-66	12.2	187.5	5105
		5-22-67	4.5	178.5	5050		3-09-67	11.1	188.6	5105	
		6-19-67	3.1	179.9	5050	22N/02W-05L02M	202.0	10-10-66	24.5	177.5	5105
		7-25-67	3.2	179.8	5050		3-09-67	15.9	186.1	5105	
		8-24-67	4.0	179.0	5050	22N/02W-08B02M	205.0	10-17-66	46.2	158.8	5050
		9-18-67	3.4	179.6	5050		11-16-66	29.5	175.5	5050	
21N/03W-32N01M	184.4	10-19-66	70.4	114.0	5001		12-19-66	28.6	176.4	5050	
		3-15-67	53.1	131.3	5001		1-18-67	22.9	182.1	5050	
21N/03W-33A04M	174.0	10-19-66	56.3	117.7	5001		2-23-67	19.3	185.7	5050	
		3-15-67	36.0	138.0	5001		3-21-67	19.7	185.3	5050	
21N/03W-35L01M	163.0	10-13-66	38.7	124.3	5105		4-20-67	19.6	185.4	5050	
		3-08-67	43.1	119.9	5105		5-22-67	35.5	169.6	5050	
21N/03W-35L02M	160.0	10-13-66	41.8	118.2	5105		6-19-67	45.4	159.6	5050	
		3-08-67	34.0	126.0	5105		7-25-67	55.5	149.5	5050	
21N/04W-12B02M	249.0	10-19-66	100.8	148.2	5001		8-24-67	57.0	148.0	5050	
		3-15-67	88.7	160.3	5001		9-18-67	50.5	154.5	5050	
21N/04W-12H01M	244.0	10-19-66	{4}		5001	22N/02W-08D01M	207.0	10-10-66	40.9	166.1	5105
		3-15-67	{4}		5001		3-09-67	18.8	188.2	5105	
21N/04W-23H01M	259.0	10-19-66	DRY			22N/02W-08Q01M	203.0	10-10-66	14.0	189.0	5105
		3-15-67	103.4	155.6	5001		3-09-67	11.0	192.0	5105	
22N/01W-18E02M	149.5	10-11-66	18.3	131.2	5105	22N/02W-09L03M	195.0	10-10-66	34.9	160.1	5105
		3-08-67	16.1	133.4	5105		3-09-67	11.1	183.9	5105	
22N/01W-18E03M	147.0	10-11-66	7.0	140.0	5105	22N/02W-12C01M	156.0	10-10-66	25.0	131.0	5105
		3-09-67	13.0	134.0	5105		3-09-67	22.4	133.6	5105	
22N/01W-34E01M	135.0	10-11-66	17.8	117.2	5105	22N/02W-14B02M	165.0	10-13-66	12.3	152.7	5105
		3-07-67	13.2	121.8	5105		3-09-67	11.9	153.1	5105	
22N/02W-03D04M	185.0	10-11-66	39.5	145.5	5105	22N/02W-16C01M	196.0	10-13-66	19.9	176.1	5105
		3-09-67	16.4	168.6	5105		3-12-67	9.9	186.1	5105	
22N/02W-03F01M	191.0	10-10-66	43.9	147.1	5105	22N/02W-20P02M	203.0	10-10-66	5.6	197.4	5105
		3-09-67	23.0	168.0	5105		3-09-67	5.7	197.3	5105	
22N/02W-03L01M	186.0	10-13-66	57.4	128.6	5105	22N/02W-21D01M	198.0	10-10-66	25.0	173.0	5105
		3-14-67	25.0	160.8	5105		3-07-67	12.4	185.6	5105	
						22N/02W-23B01M	169.0	10-11-66	16.1	152.9	5105
							3-07-67	5.7	163.3	5105	

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA						
GLENN COUNTY 5-21.02																	
22N/02W-23N01M	175.0	10-11-66	16.1	158.9	5105	22N/03W-21F01M CONT.	262.0	6-19-67	17.9	244.1	5050						
		3-10-67	13.3	161.7	5105		7-25-67	16.9	245.1	5050							
22N/02W-24L01M	163.5	10-11-66	36.8	126.7	5105		8-24-67	16.4	245.6	5050							
		3-07-67	20.5	143.0	5105		9-18-67	15.4	246.2	5050							
22N/02W-31Q01M	198.6	10-11-66	21.7	176.9	5105	22N/03W-23E01M	243.0	10-11-66	19.2	223.8	5050						
		3-14-67	15.1	183.5	5105		3-09-67	17.7	225.3	5050							
22N/02W-32H03M	187.0	10-12-66	13.6	173.4	5105	22N/03W-24M01M	232.5	10-11-66	12.0	220.5	5105						
		3-10-67	9.8	177.2	5105		3-09-67	13.6	218.9	5105							
22N/02W-36D01M	158.7	10-11-66	14.1	144.6	5105	22N/03W-31F01M	255.0	10-19-66	2.1	252.9	5001						
		3-10-67	12.7	146.0	5105		3-15-67	2.3	252.7	5001							
22N/03W-01L01M	237.0	10-10-66	16.0	221.0	5105	22N/03W-32R01M	247.2	10-19-66	17.5	229.7	5001						
		3-09-67	18.0	219.0	5105		3-15-67	22.1	225.1	5001							
22N/03W-04E01M	283.0	10-19-66	71.9	211.1	5001	22N/03W-33A01M	241.8	10-19-66	9.3	232.5	5001						
		3-15-67	67.1	215.9	5001		3-15-67	14.1	227.7	5001							
22N/03W-04E01M	293.0	10-19-66	42.1	250.9	5001	22N/03W-12L01M	318.0	10-19-66	4.9	313.1	5001						
		3-15-67	44.2	244.8	5001		3-15-67	4.4	313.6	5001							
22N/03W-07C01M	300.0	10-19-66	8.3	291.7	5001	BUTTE COUNTY 5-21.03											
		3-15-67	6.0	294.0	5001	17N/01E-01R01M	69.5	10-03-66	6.7	62.8	5106						
22N/03W-10Q01M	256.2	10-10-66	12.2	244.0	5001		3-07-67	5.0	64.5	5106							
		3-09-67	15.5	240.7	5001	17N/01E-02D01M	63.2	10-03-66	7.7	55.5	5106						
22N/03W-12Q01M	230.0	10-04-66	11.1	218.9	5105		3-07-67	6.4	56.8	5106							
		3-07-67	13.4	216.6	5105	17N/01E-10A01M	63.0	10-03-66	9.9	53.1	5106						
22N/03W-17Q01M	275.9	10-19-66	9.1	266.8	5001		3-07-67	9.0	54.0	5106							
		3-15-67	11.4	264.5	5001	17N/02E-06D01M	71.0	10-18-66	6.7	64.3	5050						
22N/03W-21F01M	262.0	10-17-66	15.8	246.2	5050		11-17-66	8.1	62.9	5050							
		11-16-66	16.9	245.1	5050		12-21-66	6.8	64.2	5050							
		12-19-66	18.1	243.9	5050		1-18-67	8.3	62.7	5050							
		1-18-67	18.3	243.7	5050		2-24-67	8.4	62.6	5050							
		2-23-67	17.5	244.5	5050		3-23-67	8.0	63.0	5050							
		3-21-67	18.9	243.1	5050		4-26-67	7.8	63.2	5050							
		4-20-67	18.2	243.8	5050		5-23-67	6.7	64.3	5050							
		5-22-67	20.2	241.8	5050		6-20-67	6.5	64.5	5050							

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
BUTTE COUNTY 5-21.03											
17N/02E-06D01M CONT.	71.0	7-26-67	6.5	64.5	5106	17N/04E-16E02M	106.0	10-05-66	34.2	71.2	5106
		8-25-67	6.3	64.7	5106			3-06-67	26.2	79.8	5106
		9-19-67	6.0	65.0	5106	17N/04E-18C01M	96.0	10-06-66	28.8	67.2	5106
17N/02E-08D01M	74.5	10-03-66	4.3	70.2	5106	18N/01E-13A01M	77.0	3-01-67	12.5	64.5	5050
		3-07-67	5.7	68.8	5106	18N/01E-13M01M	77.0	10-03-66	8.4	68.6	5106
17N/02E-12A01M	90.0	10-03-66	10.4	79.6	5106	18N/01E-15D01M	70.0	10-03-66	3.9	66.1	5106
		3-07-67	7.7	82.3	5106			3-07-67	3.1	66.9	5106
17N/02E-14A01M	82.5	10-03-66	5.4	77.1	5106	18N/02E-33N03M	64.0	10-03-66	8.0	56.0	5106
		3-07-67	5.5	77.0	5106	18N/02E-08D01M	86.0	3-01-67	7.1	78.9	5050
17N/02E-16C01M	74.0	10-03-66	4.3	69.7	5106	18N/02E-11D01M	90.0	10-03-66	4.7	85.3	5106
		3-07-67	4.2	69.8	5106			3-07-67	4.4	85.6	5106
17N/03E-01R01M	100.0	10-05-66	(3)	65.3	5106	18N/02E-11J02M	93.0	10-07-66	(4)	88.0	5050
		3-07-67	34.7					3-08-67	5.0		
17N/03E-03D01M	95.0	10-04-66	27.4	67.6	5106	18N/02E-11R01M	92.0	10-07-66	5.7	86.3	5050
		3-07-67	21.1	73.9	5106			3-08-67	4.8	87.2	5050
17N/03E-05C01M	96.0	10-04-66	(1)	88.1	5106	18N/02E-12H01M	103.0	10-07-66	12.3	90.7	5050
		3-07-67	7.9					3-08-67	8.9	94.1	5050
17N/03E-08G01M	90.0	10-04-66	8.8	81.2	5106	18N/02E-12K01M	99.0	10-07-66	(1)	79.2	5050
		3-07-67	6.9	83.1	5106			3-08-67	5.0	94.0	5050
17N/03E-14H01M	92.0	3-01-67	19.9	72.1	5050	18N/02E-12K02M	101.0	10-07-66	9.1	91.9	5050
								3-08-67	5.4	95.6	5050
17N/03E-16N01M	85.0	10-04-66	10.5	74.5	5106	18N/02E-12P01M	95.0	10-07-66	6.0	89.0	5050
		3-07-67	9.4	75.6	5106			3-08-67	3.7	91.3	5050
17N/04E-05C01M	95.0	10-05-66	44.7	50.3	5106	18N/02E-12R01M	101.0	10-07-66	(0)		
		3-06-67	35.2	59.8	5106			3-08-67			
17N/04E-08A01M	96.0	10-05-66	(3)	16.8	5106	18N/02E-13D01M	93.0	10-07-66	6.3	86.7	5050
		3-06-67	18.0	79.2	5106			3-08-67	4.8	88.2	5050
17N/04E-08I01M	92.0	10-05-66	(7)	74.0	5106						
17N/04E-16E01M	106.0	10-05-66	34.5	71.5	5106						
		3-06-67	28.3	77.7	5106						

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
BUTTE COUNTY 5-21.03											
18N/02E-13D03M	93.0	10-07-66	7.8	85.2	5050	18N/03E-05K01M	110.4	10-04-66	17.0	93.4	5106
		3-08-67	4.7	88.3	5050			10-07-66	17.7	92.7	5050
18N/02E-13L02M	94.0	10-07-66	(3)		5050			3-06-67	11.5	98.9	5106
		3-08-67	(4)		5050			3-09-67	12.4	98.0	5050
18N/02E-13L03M	94.0	10-07-66	6.1	87.9	5050	18N/03E-06M01M	107.0	10-18-66	14.6	92.4	5050
		3-08-67	5.6	88.4	5050			11-17-66	14.6	92.4	5050
18N/02E-13N01M	93.0	10-07-66	(3)	7.3	85.7			12-21-66	12.3	94.7	5050
		3-08-67	5.5	87.5	5050			1-19-67	13.3	93.7	5050
18N/02E-13R03M	95.0	10-07-66	4.4	90.6	5050			2-24-67	11.8	95.2	5050
		3-08-67	4.3	90.7	5050			3-23-67	11.6	95.4	5050
18N/02E-13R04M	96.0	10-07-66	3.5	92.5	5050			4-26-67	10.7	90.3	5050
		3-08-67	3.4	92.6	5050			5-23-67	11.6	95.4	5050
18N/02E-14G01M	87.0	10-03-66	(1)	7.3	5106			6-20-67	12.3	94.7	5050
		3-29-67	7.3	79.7	5106			7-26-67	12.8	94.2	5050
18N/02E-14R01M	92.0	10-07-66	6.7	85.3	5050			8-25-67	12.9	94.1	5050
		3-08-67	6.6	85.4	5050			9-19-67	12.5	94.5	5050
18N/02E-16F01M	80.0	10-03-66	6.8	73.2	5106	18N/03E-08K01M	106.0	10-07-66	14.2	91.8	5050
		3-07-67	7.1	72.9	5106			3-09-67	11.1	94.9	5050
18N/02E-20P01M	76.0	10-03-66	5.9	70.1	5106	18N/03E-08R01M	110.0	10-07-66	23.9	86.1	5050
		3-07-67	5.9	70.1	5106			3-08-67	18.2	91.8	5050
18N/02E-25M01M	87.0	10-03-66	7.5	79.5	5106	18N/03E-09D01M	114.0	10-07-66	18.2	95.8	5050
		3-07-67	6.3	80.7	5106			3-09-67	12.3	101.7	5050
18N/02E-32Q02M	75.0	10-03-66	5.8	69.2	5106	18N/03E-09F01M	111.0	10-07-66	20.8	90.2	5050
		3-07-67	6.7	68.3	5106			3-09-67	14.9	96.1	5050
18N/02E-35P01M	84.0	10-06-66	4.8	79.2	5106	18N/03E-09N01M	110.0	10-07-66	23.9	86.1	5050
		3-07-67	4.7	79.3	5106			3-08-67	16.3	93.7	5050
18N/03E-05G01M	110.0	10-07-66	(2)		5050	18N/03E-11G01M	124.0	10-18-66	33.4	90.6	5050
		3-09-67	{2}		5050			11-17-66	33.3	90.7	5050
18N/03E-05H01M	114.0	10-07-66	DRY	11.5	5050			12-21-66	30.9	93.1	5050
		3-09-67		102.5	5050			1-18-67	29.9	94.1	5050
								2-24-67	22.7	101.3	5050
								3-23-67	23.4	100.6	5050
								4-26-67	21.9	102.1	5050
								5-23-67	28.4	95.6	5050
								6-20-67	28.5	95.5	5050
								7-26-67	(1) 31.9	92.1	5050
								8-25-67	35.5	88.5	5050
								9-19-67	32.0	92.0	5050

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
BUTTE COUNTY 5-21.03											
18N/03E-14H01M	120.0	10-05-66 3-06-67	35.0 28.4	85.0 91.6	5106 5106	18N/03E-17J01M	115.0	10-10-66 3-08-67	27.2 22.9	87.8 92.1	51050 51050
18N/03E-16A01M	111.0	10-07-66 3-09-67	22.1 15.4	88.9 95.6	5050 5050	18N/03E-17J02M	110.0	10-10-66 3-08-67	26.6 21.6	83.4 88.4	51050 51050
18N/03E-16C01M	110.0	10-07-66 3-09-67	21.6 15.7	88.4 94.3	5050 5050	18N/03E-17P01M	107.0	10-10-66 3-08-67	22.1 17.7	84.9 89.3	51050 51050
18N/03E-16F01M	110.0	10-07-66 3-09-67	(3) 16.8 16.6	93.2 93.4	5050 5050	18N/03E-17Q01M	111.0	10-10-66 3-08-67	26.4 23.5	84.6 87.5	51050 51050
18N/03E-16F02M	108.0	10-07-66 3-09-67	(1) 23.3 17.3	84.7 90.7	5050 5050	18N/03E-18D01M	100.0	10-07-66 3-08-67	9.7 6.7	90.3 93.3	51050 51050
18N/03E-16K01M	109.0	10-10-66 3-08-67	21.6 17.9	87.4 91.1	5050 5050	18N/03E-18E01M	99.0	10-07-66 3-09-67	(1) 8.3 5.8	90.7 93.2	51050 51050
18N/03E-16N01M	102.0	10-10-66 3-08-67	20.6 15.6	81.4 86.4	5050 5050	18N/03E-18E02M	99.0	10-07-66 3-08-67	6.4 4.3	92.6 94.7	51050 51050
18N/03E-16P02M	106.0	10-10-66 3-08-67	21.2 16.6	84.8 89.4	5050 5050	18N/03E-18F01M	97.5	10-03-66 3-06-67	8.6 5.9	88.9 91.6	5106 5106
18N/03E-16P03M	106.0	10-10-66 3-08-67	23.0 18.0	83.0 88.0	5050 5050	18N/03E-19Q01M	95.5	10-04-66 3-06-67	10.2 9.3	85.3 86.2	5106 5106
18N/03E-17A01M	116.0	10-10-66 3-08-67	29.8 25.0	86.2 91.0	5050 5050	18N/03E-21G01M	104.0	10-04-66 3-06-67	23.3 14.3	80.7 89.7	5106 5106
18N/03E-17A02M	110.0	10-07-66	(5)		5050	18N/03E-24A01M	115.0	10-05-66 3-06-67	18.6 19.0	96.4 96.0	5106 5106
18N/03E-17A03M	117.0	10-10-66 3-08-67	31.1 26.6	85.9 90.4	5050 5050	18N/04E-07A01M	153.0	10-05-66 3-06-67	3.8 4.0	149.2 149.0	5106 5106
18N/03E-17B02M	111.0	10-07-66 3-08-67	22.8 18.9	88.2 92.1	5050 5050	18N/04E-08M01M	145.0	10-05-66 3-06-67	52.2 36.7	92.8 108.3	5106 5106
18N/03E-17E01M	115.0	10-07-66 3-08-67	24.6 21.4	90.4 93.6	5050 5050	18N/04E-16C01M	201.0	10-13-66	78.4	122.6	5106
18N/03E-17G02M	112.0	10-07-66 3-08-67	25.5 21.6	86.5 90.4	5050 5050	18N/04E-28L01M	135.0	10-05-66 3-06-67	(1) 47.8	87.2	5106 5106

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
BUTTE COUNTY 5-21.03												
18N/04E-30D01M	107.0	10-05-66 3-06-67	38.0 9.0	69.0 98.0	5106 5106	19N/02E-16N01M	99.0	10-04-66 3-08-67	4.3 4.4	94.7 94.6	5106 5106	
18N/04E-32J01M	111.0	10-05-66 3-06-67	(1) 29.3	81.7	5106 5106	19N/02E-17A01M	102.0	10-04-66 3-08-67	3.5 3.0	98.5 99.0	5106 5106	
19N/01E-04R01M	91.0	10-03-66 3-08-67	(1) 2.5	88.5	5106 5106	19N/02E-21J01M	101.0	10-10-66 3-09-67	5.1 4.0	95.9 97.0	51050 51050	
19N/01E-15E01M	92.0	3-01-67	7.0	85.0	5050	19N/02E-22K02M	102.0	10-10-66 3-09-67	9.1 7.3	92.9 94.7	51050 51050	
19N/01E-28R01M	80.0	10-17-66 11-16-66 12-21-66 1-19-67 2-24-67 3-23-67 4-26-67 5-23-67 6-20-67 7-26-67 8-25-67 9-19-67	5.7 6.4 4.6 5.4 5.0 4.9 4.0 3.9 3.2 3.2 3.0 3.5	74.3 73.6 75.4 74.6 75.0 75.1 76.0 76.1 76.8 76.8 77.0 76.5	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	101.0 102.0 101.0 102.0 101.0 100.0 112.0 98.0 100.0 97.0 96.0 97.0	10-10-66 10-10-66 10-10-66 10-10-66 10-10-66 10-10-66 10-10-66 10-10-66 10-10-66 10-10-66 10-10-66 10-10-66	3-09-67 3-09-67 3-09-67 3-09-67 3-09-67 3-09-67 3-09-67 3-09-67 3-09-67 3-09-67 3-09-67 3-09-67	5.1 3.5 4.9 5.8 13.6 4.6 6.2 4.9 5.0 5.2 4.4 4.4	95.9 98.5 96.1 94.2 98.4 93.4 90.8 94.2 91.0 92.6 91.8 92.6	5050 5106 5106 5106 5106 5106 5106 5106 5106 5106 5106 5106	5050 5106 5106 5106 5106 5106 5106 5106 5106 5106 5106 5106
19N/02E-01A01M	125.0	10-06-66 3-07-67	16.5 9.3	108.5 115.7	5106 5106	19N/02E-27M01M	97.0	10-10-66 3-09-67	5.2 4.4	91.8 92.6	51050 51050	
19N/02E-02A01M	124.0	10-10-66 3-09-67	5.4 5.6	118.6 118.4	5050 5050	19N/02E-27N01M	96.0	10-10-66 3-09-67	5.0 3.8	91.0 92.2	51050 51050	
19N/02E-07K01M	98.0	10-04-66 3-08-67	(2) (2)	5106 5106	5106 5106	19N/02E-28J01M	97.0	10-10-66 3-09-67	6.2 5.2	90.8 91.8	51050 51050	
19N/02E-10B09M	112.0	10-10-66 3-08-67	(5) (6)	5106 5106	5106 5106	19N/02E-34J01M	96.0	10-03-66 10-10-66 10-10-66 10-07-67 10-09-67	4.6 5.2 4.9 4.9 5.1	91.4 90.8 91.1 90.9	5106 5106 5106 5106	
19N/02E-12H01M	118.0	10-10-66 3-09-67	11.9 10.7	106.1 107.3	5050 5050	19N/02E-36C01M	105.0	10-10-66 3-09-67	14.1 11.5	90.9 93.5	51050 51050	
19N/02E-12K01M	117.0	10-10-66 3-09-67	11.7 11.0	105.3 106.0	5050 5050	19N/02E-36F01M	115.0	10-10-66 3-09-67	20.9 18.2	94.1 96.8	51050 51050	
19N/02E-15E01M	107.0	10-10-66 3-09-67	5.3 4.0	101.7 103.0	5050 5050							

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA					
BUTTE COUNTY 5-21.03																
19N/03E-05N01M	142.0	10-11-66 3-10-67	37.4 (3)	104.6	5050 5050	19N/03E-22Q02M	160.0	10-11-66	(6)		5050					
19N/03E-05N02M	144.0	3-10-67	34.4	109.6	5050	19N/03E-23B01M	155.0	10-11-66 3-10-67	39.8 36.0	115.2 119.0	5050 5050					
19N/03E-14B01M	201.5	10-05-66 3-07-67	(1) 80.0	121.5	5106 5106	19N/03E-23L01M	135.0	10-11-66 3-10-67	(4) (4) 17.9 13.5	117.1 121.5	5050 5050					
19N/03E-14K01M	169.0	10-11-66 3-10-67	{4} 48.0 {4} 37.8	121.0 131.2	5050 5050	19N/03E-23N01M	160.0	10-11-66	(3)		5050					
19N/03E-14K02M	159.0	10-11-66 3-10-67	38.5 (2)	120.5	5050 5050	19N/03E-28P01M	148.3	10-05-66	(5)		5106					
19N/03E-15D01M	185.5	10-11-66 3-10-67	79.3 76.9	106.2 108.6	5050 5050	19N/03E-30N04M	110.0	10-11-66	(6)		5050					
19N/03E-15D02M	180.6	10-11-66 3-10-67	74.0 72.0	106.6 108.6	5050 5050	19N/03E-33M02M	142.0	10-11-66 3-09-67	(9) 39.9	102.1	5050 5050					
19N/03E-16B01M	165.0	10-11-66 3-10-67	56.5 55.9	108.5 109.1	5050 5050	19N/03E-33N02M	120.0	10-11-66 3-09-67	(9) 9.5	110.5	5050 5050					
19N/03E-16C01M	164.1	10-11-66 3-10-67	55.6 55.2	108.5 108.9	5050 5050	19N/03E-36A01M	145.0	10-05-66 3-06-67	28.5 21.7	116.5 123.3	5106 5106					
19N/03E-16F01M	170.0	10-05-66 3-06-67	(1) 73.5	96.5	5106	19N/04E-06B01M	345.0	10-14-66 3-09-67	13.1 8.9	331.9 336.1	5050 5050					
19N/03E-17P01M	151.5	10-11-66	(5)		5050	19N/04E-06E01M	275.0	10-13-66 3-06-67	134.3 138.0	140.7 137.0	5106 5106					
19N/03E-18E02M	122.0	10-11-66	(6)		5050	19N/04E-06Q01M	275.0	10-14-66 3-09-67	DRY 53.7	221.3	5050					
19N/03E-18M02M	116.0	10-11-66	(6)		5050	19N/04E-20D01M	203.0	10-05-66 3-06-67	54.4 (1)	148.6	5106 5106					
19N/03E-19M01M	125.0	10-04-66	(6)		5106	19N/04E-28Q01M	248.0	10-05-66 3-06-67	23.3 16.1	224.2 231.9	5106 5106					
19N/03E-19R01M	148.0	10-11-66	(5)		5050	19N/04E-32P01M	187.0	10-05-66 3-06-67	60.8 51.6	126.2 135.4	5106 5106					
19N/03E-22A01M	183.0	10-05-66 10-11-66 3-06-67 3-10-67	68.1 67.4 68.4 65.2	114.9 115.6 114.6 117.8	5106 5050 5106 5050	20N/01E-08C01M*	114.6	10-06-66 3-08-67	9.4 (2)	105.2	5106					
19N/03E-22C02M	170.0	10-11-66 3-10-67	(3) (3)		5050 5050	*Previously published as 20N/1E-07A01M										

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
BUTTE COUNTY 5-21.03											
20N/01E-10C02M	125.0	10-06-66 3-08-67	16.6 6.6	108.4 118.4	5106	20N/02E-28N01M CONT.	118.0	2-24-67 4-23-67 4-26-67 5-23-67 6-20-67 7-26-67 8-25-67 9-19-67	4.4 4.1 3.3 4.8 4.9 5.8 4.6 4.8	113.6 113.9 114.7 113.2 113.1 112.2 113.5 113.2	5050 5050
20N/01E-10M01M	115.0	10-06-66 3-08-67	6.4 2.0	108.6 113.0	5106	20N/02E-35A01M	136.0	10-14-66 3-09-67	21.3 14.8	114.7 121.2	5050 5050
20N/01E-11B02M	128.9	10-06-66 3-08-67	20.0 9.3	108.9 119.6	5106	20N/02E-36A02M	130.0	10-14-66 3-09-67	26.5 16.9	103.5 113.1	5050 5050
20N/01E-24R01M	114.0	10-06-66 3-08-67	3.7 3.6	110.3 110.4	5106	20N/02E-36F01M	129.0	10-14-66 3-09-67	19.5 12.7	109.5 116.3	5050 5050
20N/01E-27P01M	101.0	10-06-66 3-08-67	5.8 5.6	95.2 95.4	5106	20N/02E-36P02M	126.0	10-14-66 3-09-67	8.8 7.5	117.2 118.5	5050 5050
20N/01E-35C01M	100.0	10-06-66 3-08-67	3.1 3.5	96.9 96.5	5106	20N/03E-07H01M	190.0	10-04-66 3-07-67	(1) 53.9	136.1	5106 5106
20N/02E-06Q01M	135.3	10-07-66 3-09-67	16.6 8.1	118.7 127.2	5106	20N/03E-08E01M	187.0	10-04-66	(6)		5106
20N/02E-07H02M	129.4	10-07-66 3-09-67	9.0 4.4	120.4 125.0	5106	20N/03E-10B01M	270.0	10-06-66 3-07-67	3.9 3.2	266.1 266.8	5106 5106
20N/02E-09L01M	137.0	10-07-66 3-08-67	11.2 6.3	125.8 130.7	5106	20N/03E-12J01M	265.0	10-04-66 3-07-67	2.9 1.0	262.1 264.0	5106 5106
20N/02E-10J01M	147.0	10-07-66 3-08-67	23.5 14.4	123.5 132.3	5106	20N/03E-22A01M	265.0	10-04-66 3-07-67	2.9 1.0	262.1 264.0	5106 5106
20N/02E-12J01M	172.0	2-23-67	45.4	126.6	5106	20N/03E-26J02M	293.0	10-14-66 3-09-67	18.9 16.2	274.1 276.8	5050 5050
20N/02E-13M01M	160.0	10-04-66 3-08-67	31.5 30.0	128.5 130.0	5106	20N/03E-28N01M	150.0	10-18-66 11-17-66 12-21-66 1-19-67 2-24-67 3-23-67 4-26-67 5-23-67 6-20-67 7-26-67	35.6 34.2 33.8 35.4 33.4 32.3 31.6 31.8 30.4 31.0	114.4 115.8 116.2 114.6 116.6 117.7 118.4 118.6 119.6 119.0	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
20N/02E-17P01M	122.5	10-07-66 3-09-67	6.7 1.7	115.8 120.8	5106	20N/03E-28N01M	150.0	10-18-66 11-17-66 12-21-66 1-19-67 2-24-67 3-23-67 4-26-67 5-23-67 6-20-67 7-26-67	35.6 34.2 33.8 35.4 33.4 32.3 31.6 31.8 30.4 31.0	114.4 115.8 116.2 114.6 116.6 117.7 118.4 118.6 119.6 119.0	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
20N/02E-22P01M	130.0	10-04-66 3-08-67	13.7 8.5	116.3 121.5	5106	20N/03E-28N01M	118.0	10-18-66 11-17-66 12-21-66 1-19-67	35.6 34.2 33.8 35.4	114.4 115.8 116.2 114.6	5050 5050 5050 5050
20N/02E-28N01M	118.0	10-18-66 11-17-66 12-21-66 1-19-67	6.5 6.9 3.9 4.8	111.5 111.1 114.1 113.2	5050 5050 5050 5050						

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
BUTTE COUNTY 5-21.03											
20N/03E-28N01M CONT.	150.0	8-25-67 9-19-67	31.9 32.4	118.1 117.6	5050 5050	21N/01E-08A01M	152.1	10-07-66 3-09-67	24.8 14.9	127.3 137.2	5106 5106
20N/03E-31B01M	137.0	10-14-66 3-09-67	30.4 21.7	106.6 115.3	5050 5050	21N/01E-12K01M	187.0	10-07-66 3-09-67	31.3 26.3	155.7 160.7	5106 5106
20N/03E-31K01M	134.0	10-14-66 3-09-67	29.1 18.8	104.9 115.2	5050 5050	21N/01E-13K01M	177.0	10-10-66 3-09-67	47.4 41.0	129.6 136.0	5106 5106
20N/03E-31L01M	130.0	10-14-66 3-09-67	27.0 19.3	103.0 110.7	5050 5050	21N/01E-17A01M	137.0	10-07-66 3-09-67	16.2 8.3	120.8 128.7	5106 5106
20N/03E-32D01M	141.0	10-04-66 3-07-67	38.6 29.0	102.4 112.0	5106 5106	21N/01E-23C01M	160.5	10-07-66 3-09-67	42.6 32.3	117.9 128.2	5106 5106
20N/03E-34A01M	226.0	10-05-66 3-07-67	9.1 4.6	216.9 221.4	5106 5106	21N/01E-27D01M	141.0	10-07-66 3-08-67	30.0 21.4	111.0 119.6	5106 5106
20N/01W-03D01M	114.0	10-06-66 3-08-67	22.2 15.3	91.8 98.7	5106 5106	21N/01E-28M01M	135.0	10-07-66 10-18-66 11-17-66 12-21-66 1-19-67 2-24-67 3-23-67 4-26-67 5-23-67 6-20-67 7-26-67 8-25-67 9-19-67	30.2 25.2 23.7 22.3 20.7 15.2 14.7 13.7 13.6 24.8 25.2 23.4	105.8 109.8 111.3 112.7 114.3 119.8 120.3 121.3 121.4 110.2 109.8 111.6	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
20N/01W-15A01M	107.0	10-06-66 3-08-67	14.5 11.3	92.5 95.7	5106 5106	21N/01E-31L01M	115.0	10-18-66 11-17-66 12-21-66 1-19-67 2-24-67 3-23-67 4-26-67 5-23-67 6-20-67 7-26-67 8-25-67 9-19-67	9.0 9.0 4.9 6.1 3.2 3.1 2.1 3.9 5.7 8.3 8.25-67 7.5	106.0 106.0 110.1 108.9 111.8 111.9 112.9 111.1 109.3 106.7 105.9 107.5	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
20N/01W-26H01M	105.2	10-06-66 3-08-67	10.2 10.4	95.0 94.8	5106 5106	21N/01E-31L02M	115.0	10-18-66 11-17-66 12-21-66 1-19-67 2-24-67 3-23-67 4-26-67 5-23-67 6-20-67 7-26-67 8-25-67 9-19-67	9.0 9.0 4.9 6.1 3.2 3.1 2.1 3.9 5.7 8.3 8.25-67 7.5	106.0 106.0 110.1 108.9 111.8 111.9 112.9 111.1 109.3 106.7 105.9 107.5	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
20N/01W-26H02M	105.6	10-06-66 3-08-67	9.3 7.9	96.3 97.7	5106 5106	21N/01E-31L03M	115.0	10-18-66 11-17-66 12-21-66 1-19-67 2-24-67 3-23-67 4-26-67 5-23-67 6-20-67 7-26-67 8-25-67 9-19-67	9.0 9.0 4.9 6.1 3.2 3.1 2.1 3.9 5.7 8.3 8.25-67 7.5	106.0 106.0 110.1 108.9 111.8 111.9 112.9 111.1 109.3 106.7 105.9 107.5	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
21N/01E-05G01M	149.0	10-18-66 11-17-66 12-21-66 1-19-67 2-24-67 3-23-67 4-26-67 5-23-67 6-20-67 7-26-67 8-25-67 9-19-67	27.2 23.2 20.3 18.6 13.8 13.8 12.5 13.9 17.3 22.9 24.3 26.3	121.8 125.8 128.7 130.4 135.2 135.2 136.5 135.1 131.7 126.1 124.7 122.7	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	21N/01E-31L04M	115.0	10-18-66 11-17-66 12-21-66 1-19-67 2-24-67 3-23-67 4-26-67 5-23-67 6-20-67 7-26-67 8-25-67 9-19-67	9.0 9.0 4.9 6.1 3.2 3.1 2.1 3.9 5.7 8.3 8.25-67 7.5	106.0 106.0 110.1 108.9 111.8 111.9 112.9 111.1 109.3 106.7 105.9 107.5	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
21N/01E-05M01M	141.0	10-07-66 3-09-67	19.4 9.9	121.6 131.1	5106 5106						

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
BUTTE COUNTY 5-21.03											
21N/01E-33A01M	135.0	10-07-66 3-08-67	29.2 19.4	105.8 115.6	5106 5106	21N/01W-26K01M	115.3	10-06-66 3-08-67	16.3 10.4	99.0 104.9	5106 5106
21N/02E-07C01M	203.0	2-23-67	56.6	146.4	5050	21N/01W-36A01M	115.0	10-06-66 3-08-67	7.5 3.4	108.5 111.6	5106 5106
21N/02E-08E02M	205.0	10-10-66 3-09-67	7.9 9.3	197.1 195.7	5106 5106	22N/01E-02R01M	218.0	10-10-66 3-10-67	65.8 54.0	152.2 164.0	5106 5106
21N/02E-08E03M	205.0	10-10-66 3-09-67	62.5 45.5	142.5 159.5	5106 5106	22N/01E-09J02M	178.0	10-10-66 3-09-67	35.0 24.0	143.0 154.0	5106 5106
21N/02E-17G01M	185.0	10-10-66 3-09-67	10.4 6.5	174.6 178.5	5106 5106	22N/01E-16K02M	178.0	10-10-66 3-29-67	(2) 27.1	150.9	5106 5050
21N/02E-26E02M	177.0	10-18-66 11-17-66 12-21-66 1-19-67 2-24-67 3-23-67 4-26-67 5-22-67 6-20-67 7-26-67 8-25-67 9-19-67	38.4 31.3 24.7 23.3 21.0 20.7 19.6 18.7 20.8 23.4 28.8 28.8 28.8	138.6 145.7 152.3 153.7 156.0 156.3 157.4 158.6 156.2 153.6 148.2 148.2 148.2	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	22N/01E-19K01M	151.0	10-10-66 3-09-67	23.0 13.0	128.0 138.0	5106 5106
21N/02E-26F01M	181.0	2-23-67	44.7	136.3	5050	22N/01E-20K01M	165.5	10-18-66 11-17-66 12-19-66 1-19-67 2-24-67 3-23-67 4-26-67 5-23-67 6-20-67 7-26-67 8-25-67 9-19-67	38.9 32.5 31.0 28.5 25.7 24.9 22.8 23.6 27.1 32.0 30.6 30.1	126.6 133.0 134.5 137.0 139.8 140.6 142.7 141.9 138.4 133.5 134.9 135.4	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
21N/02E-29E01M	155.5	10-07-66 3-08-67	16.0 10.5	139.5 144.5	5106 5106	22N/01E-20L01M	159.0	10-10-66 3-09-67	31.2 23.1	127.8 135.9	5106 5106
21N/02E-31K01M	146.0	10-07-66 3-09-67	26.9 16.0	119.1 130.0	5106 5106	22N/01E-21E01M	155.0	10-10-66 3-09-67	(1) 16.9	138.1	5106 5106
21N/03E-31F02M	208.0	10-10-66 3-08-67	45.4 50.5	162.2 157.5	5106 5106	22N/01E-28J02M	176.0	2-28-67 7-26-67 8-25-67 9-19-67	17.7 20.1 21.7 22.3	158.3 155.9 154.3 153.7	5050 5050 5050 5050
21N/01W-01E01M	130.0	10-07-66 3-09-67	17.0 15.7	113.0 114.3	5106 5106	22N/01E-29R01M	164.7	10-07-66 3-09-67	30.0 17.8	134.7 146.9	5106 5106
21N/01W-23J01M	117.0	10-06-66 3-08-67	11.0 7.5	106.0 109.5	5106 5106						

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
BUTTE COUNTY 5-21-03											
22N/01E-31J01M	147.0	10-07-66 3-09-67	18.7 9.7	128.3 137.3	5106 5106	23N/01E-29P01M	203.0	10-11-66 3-10-67	44.7 44.1	158.3 158.9	5050 5050
22N/02E-17E01M	281.0	10-10-66 3-09-67	65.0 67.7	215.2 213.3	5106 5106	11-17-66	40.6	162.4	5050		
22N/01W-05M01M	149.9	10-10-66 3-10-67	22.3 13.9	127.6 136.3	5106 5106	12-19-66	37.5	165.5	5050		
22N/01W-10C01M	147.3	10-10-66 3-09-67	14.6 5.4	132.7 141.9	5106 5106	1-19-67	36.7	166.3	5050		
22N/01W-12A01M	157.0	10-10-66 3-09-67	24.0 14.5	130.0 142.5	5106 5106	2-24-67	21.9	181.1	5050		
22N/01W-12J01M	153.0	10-10-66 3-09-67	{1} 11.7	141.3	5106 5106	3-23-67	26.0	177.0	5050		
22N/01W-20A01M	145.0	10-10-66 3-09-67	18.6 19.0	126.4 126.0	5106 5106	4-26-67	25.9	177.1	5050		
22N/01W-24C01M	139.0	10-10-66 3-09-67	13.9 5.1	125.1 133.9	5106 5106	5-23-67	25.7	177.3	5050		
23N/01E-05H01M	390.0	10-11-66 3-10-67	115.8 113.7	274.2 276.3	5106 5106	6-20-67	22.9	180.1	5050		
23N/01E-07D01M	262.0	10-11-66 3-10-67	117.6 55.6	144.3 206.4	5106 5106	7-26-67	40.2	162.8	5050		
23N/01E-22K01M	310.0	10-10-66 3-10-67	72.6 (7)	237.4	5106 5106	8-25-67	41.2	161.8	5050		
23N/01E-27J01M	297.0	10-10-66 3-29-67	134.5 128.1	162.5 168.9	5106 5106	9-19-67	40.2	162.8	5050		
23N/01E-28F01M	215.0	10-11-66 3-10-67	56.5 51.1	158.5 163.9	5106 5106	23N/01W-18Q01M	164.9	10-11-66 3-10-67	21.0 12.2	143.9 152.7	5106 5106
23N/01E-29H01M	216.0	10-11-66 3-10-67	18.5 7.3	197.5 208.7	5106 5106	23N/01W-22C02M	170.0	10-11-66 3-10-67	24.4 14.0	145.6 156.0	5106 5106
23N/01E-29K01M	209.2	10-11-66 3-10-67	7.5 5.4	201.7 203.8	5106 5106	23N/01W-27K01M	162.4	10-11-66 3-10-67	17.0 10.5	145.4 151.9	5106 5106

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
BUTTE COUNTY 5-21-03											
23N/01W-33A01M	153.0	10-11-66 3-10-67	18.3 8.0	134.7 145.0	5106 5106	13N/01W-19J01M	105.0	10-18-66 3-10-67	DRY DRY	5001 5001	
23N/01W-36P01M	162.0	10-11-66 3-10-67	24.1 13.0	137.9 149.0	5106 5106	13N/01W-22P02M	58.0	10-17-66 3-10-67	59.5 42.2	-1.5 15.8	5001 5001
23N/02W-13A01M	166.8	10-11-66 3-10-67	13.6 12.0	153.2 154.8	5106 5106	13N/01W-23F02M	40.0	10-17-66 3-10-67	44.0 20.5	-4.0 19.5	5001 5001
23N/02W-23K02M	160.9	10-11-66 3-10-67	16.2 14.9	144.7 146.0	5106 5106	13N/01W-28E02M	91.0	10-17-66 3-10-67	96.9 77.7	-5.9 13.3	5001 5001
23N/02W-25C01M	155.0	2-28-67	13.4	141.6	5050	13N/01W-34P01M	75.3	10-17-66 3-10-67	58.6 58.7	16.7 16.6	5001 5001
COLUSA COUNTY 5-21-04											
13N/01E-11A01M	31.8	3-07-67	5.0	26.8	5050	13N/01W-36N01M	48.0	10-17-66 3-10-67	51.1 29.7	-3.1 18.3	5001 5001
13N/01E-22R01M	38.9	3-28-67 7-25-67 8-24-67 9-18-67	8.9 10.2 11.3 11.7	30.0 28.7 27.6 27.2	5050 5050 5050 5050	13N/02W-04G01M	187.0	10-17-66 11-16-66 12-21-66 1-18-67 2-23-67 3-21-67 4-20-67 5-22-67 6-19-67 7-25-67 8-24-67 9-18-67	146.2 138.2 137.5 138.4 125.5 124.1 122.9 122.2 130.5 137.5 140.1 136.6	40.8 48.8 49.5 48.6 61.5 62.9 64.1 64.8 56.5 49.5 46.9 50.4	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
13N/01E-32Q01M	23.0	3-28-67 7-25-67 8-24-67 9-18-67	6.9 7.1 8.4 8.0	16.1 15.9 14.6 15.0	5050 5050 5050 5050	13N/02W-04G03M	187.0	10-17-66 11-16-66 12-21-66 1-18-67 2-23-67 3-21-67 4-20-67 5-22-67 6-19-67 7-25-67 8-24-67 9-18-67	140.5 133.1 128.1 128.1 122.2 121.5 119.9 120.4 127.9 132.9 135.2 131.7	46.5 53.9 58.9 64.8 64.8 65.5 67.1 66.6 59.1 54.1 51.8 55.3	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
13N/01W-05R01M	40.1	10-18-66 3-10-67	32.6 18.8	7.5 21.3	5001 5001	13N/01W-08Q01M	75.0	10-18-66 3-10-67	61.1 45.0	-5.1 11.0	5001 5001
13N/01W-08M01M	75.0	10-18-66 3-10-67	79.8 58.0	-4.8 17.0	5001 5001	13N/01W-15H01M	28.5	10-17-66 3-10-67	7.9 (9)	20.6	5001 5001
13N/01W-15N03M	43.0	10-17-66 3-10-67	47.0 27.7	-4.0 15.3	5001 5001	13N/01W-16N03M	56.0	10-18-66 3-10-67	64.5 40.3	-8.5 15.7	5001 5001
13N/01W-16N03M	56.0	10-18-66 3-10-67	64.5 40.3	-8.5 15.7	5001	13N/02W-05H02M	210.0	10-14-66 3-14-67	133.8 124.3	76.2 85.7	5001 5001

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
COLUSA COUNTY 5-21.04											
13N/02W-11M01M	185.0	10-17-66 3-14-67	158.4 138.1	26.6 46.9	5001 5001	14N/02W-16N02M CONT.	118.0	6-19-67 7-25-67 8-24-67 9-18-67	58.2 62.1 62.9 64.2	59.8 55.9 55.1 53.8	5050 5050 5050 5050
13N/02W-12L01M	133.0	10-18-66 3-13-67	138.1 118.5	-5.1 14.5	5001 5001	14N/02W-18Q01M	156.0	4-28-67	94.1	61.9	5050
13N/02W-13R01M	142.0	10-18-66 3-13-67	(1) 136.9	5.1	5001 5001	14N/02W-19R01M	189.5	10-14-66 3-14-67	130.4 121.4	59.1 68.1	5001 5001
13N/02W-21N01M	357.0	10-14-66 3-14-67	303.3 290.7	53.7 66.3	5001 5001	14N/02W-22P01M	112.0	4-28-67	22.7	89.3	5050
13N/02W-22H01M	245.0	10-17-66 3-14-67	147.8 148.0	97.2 97.0	5001 5001	14N/02W-23P01M	89.0	10-18-66 3-13-67	60.1 49.2	28.9 39.8	5001 5001
13N/02W-25F01M	189.0	10-17-66 3-14-67	175.7 139.3	13.3 47.7	5001 5001	14N/02W-29J01M	160.0	4-28-67	97.0	63.0	5050
14N/01E-33R01M	32.1	3-07-67	6.8	25.3	5050	14N/02W-31N02M	283.0	10-14-66 3-14-67	288.2 253.5	-5.2 29.5	5001 5001
14N/01E-34R01M	32.2	3-07-67	7.2	28.0	5050	14N/02W-34N01M	159.1	10-14-66 3-14-67	102.0 98.0	57.1 61.1	5001 5001
14N/01W-03L02M	39.0	3-07-67	9.4	29.6	5050	14N/02W-36D01M	94.0	10-18-66 3-13-67	87.6 69.1	6.4 24.9	5001 5001
14N/01W-04K03M	35.0	3-28-67	5.3	29.7	5050	14N/02W-36N02M	110.5	10-18-66 3-13-67	87.4 84.2	13.1 26.3	5001 5001
14N/01W-12A01M	36.0	3-07-67	8.8	27.2	5050	14N/03W-01D01M	121.7	10-14-66 3-14-67	DRY DRY		5001 5001
14N/01W-32R01M	32.0	10-18-66 3-13-67	DRY 9.4	22.6	5001 5001	14N/03W-01K01M	122.0	4-28-67	44.4	77.6	5050
14N/02W-04B01M	79.0	10-18-66 3-13-67	23.1 16.8	55.9 62.7	5001 5001	14N/03W-11A01M	136.0	3-29-67	60.4	75.6	5050
14N/02W-13N01M	60.0	10-18-66 3-13-67	41.7 24.5	18.3 35.5	5001 5001	14N/03W-11G01M	140.0	3-29-67	67.9	72.1	5050
14N/02W-16N02M	118.0	10-17-66 11-16-66 12-21-66 1-18-67 2-23-67 3-21-67 4-20-67 5-22-67	67.3 60.5 58.7 57.4 55.7 54.8 54.1 61.0	50.7 57.5 59.3 60.6 62.3 63.2 63.9 57.0	5050 5050 5050 5050 5050 5050 5050 5050	14N/03W-11H01M	135.0	3-29-67	60.5	74.5	5050
						14N/03W-12F02M	123.0	10-14-66 3-14-67	56.6 52.3	66.4 70.7	5001 5001
						14N/03W-14Q02M	171.0	4-28-67	117.4	53.6	5050

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
COLUSA COUNTY 5-21.04											
14N/03W-24C01M	170.0	10-14-66 3-14-67	113.2 108.2	56.8 61.8	5001 5001	16N/02W-25B02M CONT.	53.0	3-21-67 4-20-67 5-22-67 6-19-67 7-25-67 8-24-67 9-18-67	9.5 8.6 10.5 11.4 14.1 20.8 (1) 13.3	43.5 44.4 42.5 41.6 38.9 32.2 39.7	5050 5050 5050 5050 5050 5050 5050
14N/03W-36B01M	275.0	10-14-66 3-14-67	131.4 120.1	143.6 154.9	5001 5001	16N/02W-26L01M	47.0	3-06-67	3.6	43.4	5050
15N/01W-27E02M	45.7	3-07-67	13.8	31.9	5050	16N/03W-01A01M	62.8	3-06-67	5.6	57.2	5050
15N/02W-13H01M	39.0	3-07-67	2.2	36.8	5050	16N/03W-13E02M	63.0	3-06-67	2.6	60.4	5050
15N/02W-20A01M	63.1	3-07-67	-0.6	63.7	5050	16N/03W-20P01M	91.0	10-17-66 11-16-66 12-20-66 1-18-67 2-23-67 3-21-67 4-20-67 5-22-67 6-19-67 7-25-67 8-24-67 9-18-67	6.5 6.7 5.6 7.1 6.7 6.2 6.4 5.8 2.9 2.8 1.3 2.3	84.5 84.3 85.4 83.9 88.3 84.8 84.6 85.2 88.1 88.2 89.7 88.7	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
15N/03W-18J01M	118.5	10-14-66 3-14-67	7.9 8.0	110.6 110.5	5001 5001	16N/03W-35N02M	73.0	3-07-67	6.5	66.5	5050
15N/03W-27G01M	111.4	10-14-66 3-14-67	12.2 (0)	99.2	5001	16N/04W-11A01M	139.5	3-07-67	15.9	123.3	5050
15N/03W-32B01M	150.0	10-14-66 3-14-67	32.5 34.6	117.5 115.4	5001 5001	16N/04W-23E01M	148.0	3-07-67	0.1	147.9	5050
15N/03W-33N02M	164.0	10-17-66 11-16-66 12-20-66 1-18-67 2-23-67 3-21-67 4-20-67 5-22-67 6-19-67 7-25-67 8-24-67 9-18-67	63.0 60.1 58.6 58.2 57.8 57.5 57.1 57.2 56.5 69.6 80.0 64.5	101.0 103.9 105.4 105.8 106.2 106.5 106.5 106.8 105.5 94.4 84.0 99.5	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	125.0	3-07-67	5.0	120.0	5050	
16N/01W-20F01M	59.0	3-06-67	13.3	45.7	5050	17N/01W-06R01M	70.0	3-06-67	11.5	58.5	5050
16N/02W-09R01M	50.0	3-06-67	5.8	44.2	5050	17N/02W-24C01M	68.0	3-06-67	9.6	58.4	5050
16N/02W-24N01M	56.0	3-06-67	11.5	44.5	5050	17N/02W-30P01M	60.0	3-06-67	6.4	53.6	5050
16N/02W-25B02M	53.0	10-17-66 11-16-66 12-21-66 1-18-67 2-23-67	16.2 15.0 12.2 12.3 15.3	36.8 38.0 40.8 40.7 37.7	5050 5050 5050 5050 5050	17N/02W-34R02M	60.0	3-06-67	11.1	48.9	5050
						17N/03W-10C01M	94.2	3-07-67	7.3	86.9	5050
						17N/03W-18H01M	125.0	3-07-67	12.6	112.4	5050

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA							
COLUSA COUNTY 5-21.04																		
17N/03W-27M01M	89.1	10-17-66 11-16-66 12-20-66 1-18-67 2-23-67 3-21-67 4-20-67 5-22-67 6-19-67 7-25-67 8-24-67 9-18-67	6.5 7.5 5.7 6.7 6.1 6.6 6.8 2.0 2.4 2.3 2.4 1.9	82.6 81.6 83.4 82.4 83.0 82.5 82.3 87.1 86.7 86.8 86.7 87.5	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050		SUTTER COUNTY 5-21.05											
17N/03W-29B01M	115.0	3-07-67	9.6	105.4	5050	10N/04E-02K01M CONT.	25.0	3-17-67 3-29-67 4-27-67 5-26-67 6-27-67 7-27-67 8-29-67 9-26-67	31.4 30.8 29.6 (1) 92.4 (1) (1) (1)	-6.4 -5.8 -4.6 -67.4	5102 5050 5050 5050 5050 5050 5050 5050							
17N/03W-31N01M	121.5	3-07-67	6.3	115.2	5050	10N/04E-12A01M	43.1	10-06-66 3-17-67	60.5 56.7	-17.4 -13.6	5102							
17N/03W-33N01M	76.0	3-06-67	7.5	93.5	5050	11N/03E-01D01M	25.6	10-07-66 3-17-67	10.5 3.5	15.1 22.1	5102							
17N/03W-35N01M	76.0	3-06-67	2.5	73.5	5050	11N/03E-03C02M	26.4	10-07-66 3-17-67	14.4 2.8	12.0 23.6	5102							
17N/04W-25G01M	127.0	3-07-67	14.3	112.7	5050	11N/03E-08N01M	18.0	10-03-66 3-08-67	6.8 2.5	11.2 15.2	5050 5050							
17N/04W-34G01M	175.0	3-07-67	9.3	165.7	5050	11N/03E-10N01M	28.5	10-07-66 3-17-67	16.4 4.0	12.1 24.5	5102							
18N/01W-18Q01M	76.5	3-06-67	8.4	68.1	5050	11N/03E-15C01M	28.7	10-07-66 3-17-67	15.9 1.5	12.8 27.2	5102							
18N/01W-32P01M	76.0	3-06-67	13.2	62.8	5050	11N/03E-20H03M	27.0	10-14-66 6-23-67	(1) 4.2	22.8	5050							
18N/01W-35K01M	60.0	3-06-67	3.8	56.2	5050	11N/03E-22H01M	27.0	10-07-66 3-17-67	(1) 8.6	18.4	5102							
18N/02W-15N01M	69.7	3-06-67	2.9	66.8	5050	11N/04E-01M02M	45.5	10-26-66 11-30-66 12-28-66 1-27-67 2-24-67	46.4 45.1 44.2 43.2 42.0 39.7 40.4 5.1 0.4 1.3 2.3 4.6 5.8	-0.9 5050 5050 5050 5050 5050 5050								
18N/02W-19A01M	78.1	3-06-67	2.5	75.6	5050	11N/04E-02K01M	25.0	10-06-66 10-26-66 11-29-66 12-28-66 1-27-67 2-24-67	38.4 37.5 36.8 34.9 34.6 31.6	-13.4 -12.5 -11.8 -9.9 -9.6 -6.6	5102							
18N/02W-36B01M	73.0	3-06-67	5.8	67.2	5050	11N/04E-02K01M	25.0	10-06-66 10-26-66 11-29-66 12-28-66 1-27-67 2-24-67	38.4 37.5 36.8 34.9 34.6 31.6	-13.4 -12.5 -11.8 -9.9 -9.6 -6.6	5102							
SUTTER COUNTY 5-21.05																		
10N/04E-02K01M	25.0	10-06-66 10-26-66 11-29-66 12-28-66 1-27-67 2-24-67	38.4 37.5 36.8 34.9 34.6 31.6	5050	10N/04E-02K01M CONT.	25.0	3-15-67 3-29-67 4-27-67 5-26-67 6-27-67 7-27-67 8-30-67 9-27-67	35.7 27.8 24.4 21.0 60.1 67.8 27.8 60.5	-4.8 3.1 -12.3 8.7 -23.0 -19.1 7.8 -21.5	5102 5050 5050 5050 5050 5050 5050 5050								

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SUTTER COUNTY 5-21.05											
11N/04E-01M03M	46.3	10-06-66 3-15-67	48.0 41.5	-1.7 4.8	5102	11N/04E-15C01M	30.9	10-06-66 3-15-67	35.7 27.8	-4.8 3.1	5102
11N/04E-03P02M	35.0	10-06-66 3-14-67	34.4 26.4	0.6 8.6	5102	11N/04E-15Q01M	33.1	10-06-66 3-15-67	45.4 24.4	-12.3 8.7	5401
11N/04E-05B02M	26.8	10-06-66 3-14-67	5.8 2.5	21.0 24.3	5401	11N/04E-19E02M	29.0	10-06-66 3-17-67	12.5 10.8	16.5 18.2	5102
11N/04E-06B01M	23.9	10-07-66 10-27-66 11-30-66 12-29-66 1-30-67 2-28-67 3-14-67 3-28-67 4-26-67 5-25-67 5-29-67 6-29-67 7-27-67 8-29-67 9-27-67	6.7 6.7 5.4 3.1 1.5 2.7 2.6 2.3 1.3 2.2 2.2 1.9 3.5 3.3 2.9	17.2 17.3 18.5 20.8 22.4 21.2 21.3 21.5 22.6 21.7 22.0 20.4 20.6 21.0	5102 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	11N/04E-23J01M	41.0	10-06-66 3-17-67 5-01-67	DRY 64.0 60.1	-23.0 -19.1	5102
11N/04E-09D02M	28.0	10-27-66 11-30-66 12-29-66 1-30-67 2-28-67 3-28-67 4-26-67 5-25-67 6-29-67 7-27-67 8-29-67 9-27-67	15.1 12.8 11.6 5.3 9.9 9.3 5.4 5.8 11.2 11.3 13.3 14.2	12.9 15.2 16.4 22.7 18.1 18.7 22.6 22.2 16.8 16.7 14.7 13.8	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	11N/04E-24R01M	47.0	10-03-66 3-15-67	76.0 67.8	-29.0 -20.8	5401
11N/04E-11C02M	41.9	10-06-66 3-15-67	50.4 39.9	-8.5 2.0	5102	11N/04E-28J01M	34.3	10-06-66 3-17-67	26.5 27.8	7.8 6.5	5102
11N/04E-13D01M	47.4	10-06-66 3-15-67	61.8 55.5	-14.4 -8.1	5102	11N/04E-33J01M	25.6	10-06-66 3-17-67	16.2 17.0	9.4 8.6	5102
11N/04E-13R01M	50.0	10-06-66 3-15-67	(1) 66.4	-16.4	5401	11N/04E-35J01M	39.0	10-06-66 3-17-67	(1) 60.5	-21.5	5102
12N/01E-01A01M	26.9	10-14-66 3-21-67	5.4 5.4	21.5 21.5	5102	12N/02E-11P02M	20.0	10-14-66 3-21-67	5.4 3.8	14.6 16.2	5102
12N/02E-20P01M	25.0	10-14-66 3-21-67	,	,	5102	12N/02E-23K01M	20.0	10-14-66 3-21-67	11.5 4.7	13.5 20.3	5102
12N/02E-23K01M	20.0	10-14-66 10-27-66 11-30-66 12-29-66 1-30-67 2-28-67 3-21-67 3-30-67 4-28-67 5-27-67 6-29-67	4.9 5.2 3.3 3.1 1.0 3.1 3.5 3.2 2.3 1.1 0.9	15.1 14.8 16.7 16.9 19.0 16.9 16.5 16.8 17.7 18.9 19.1	5102 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050						

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SUTTER COUNTY 5-21.05											
12N/02E-23K01M CONT.	20.0	7-28-67 8-31-67 9-28-67	1.3 1.1 3.3	18.7 18.9 16.7	5050 5050 5050	12N/04E-17D01M	32.0	10-06-66 3-14-67	23.0 13.4	9.0 18.6	5401 5401
12N/03E-12C01M	29.5	10-14-66 3-17-67	13.0 5.8	16.5 23.7	5102 5102	12N/04E-17J01M	32.0	10-07-66 10-27-66 11-30-66 12-29-66 1-30-67 2-24-67 3-14-67 3-28-67 4-26-67 5-25-67 6-29-67 7-27-67 8-29-67 9-27-67	19.2 18.4 16.9 14.6 13.9 10.5 10.4 9.3 8.0 11.2 17.7 19.5 21.5 19.4	12.8 13.6 15.1 17.4 18.1 21.5 21.6 22.7 24.0 20.8 14.3 12.5 10.5 12.6	5102 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
12N/03E-23N01M	30.0	10-07-66 3-17-67	14.5 3.7	15.5 26.3	5102 5102	12N/04E-18D01M	31.4	10-07-66 3-14-67	19.9 10.4	11.5 21.0	5102 5102
12N/03E-24A01M	24.5	10-07-66 3-17-67	(1) 6.5	18.0	5102	12N/04E-20C01M	32.0	10-06-66 3-14-67	20.3 9.0	11.7 23.0	5401 5401
12N/03E-24Q01M	30.0	10-07-66 3-17-67	21.0 7.0	9.0 23.0	5102 5102	12N/04E-20P01M	29.0	10-06-66 3-14-67	17.0 7.5	12.0 21.5	5401 5401
12N/03E-30H01M	18.8	10-14-66 3-21-67	4.8 0.0	14.0 18.8	5102 5102	12N/04E-24M02M	52.0	10-06-66 3-15-67	28.9 25.1	23.1 26.9	5401 5401
12N/04E-02B01M	56.0	10-06-66 3-15-67	32.2 28.1	23.8 27.9	5401 5401	12N/04E-28H01M	36.0	10-06-66 3-14-67	6.5 4.3	29.5 31.7	5102 5102
12N/04E-03R01M	52.0	10-06-66 3-14-67	24.0 20.9	28.0 31.1	5102 5102	12N/04E-33L01M	31.0	10-07-66 3-14-67	10.4 5.8	20.6 25.2	5102 5102
12N/04E-05R04M	41.0	10-06-66 3-14-67	25.2 19.5	15.8 21.5	5401 5401	12N/04E-34H01M	38.0	10-06-66 3-14-67	15.6 13.5	22.4 24.5	5401 5401
12N/04E-08D03M	34.0	10-06-66 3-14-67	22.4 12.0	11.6 22.0	5401 5401	12N/04E-35H01M	48.4	10-27-66 11-30-66 12-29-66 1-30-67 2-28-67 3-29-67	40.5 38.6 37.2 35.9 35.0 34.1	7.9 9.8 11.2 12.5 13.4 14.3	5050 5050 5050 5050 5050 5050
12N/04E-10D02M	48.0	10-06-66 3-14-67	16.8 14.7	31.2 33.3	5401 5401	12N/04E-35H01M	48.4	10-27-66 11-30-66 12-29-66 1-30-67 2-28-67 3-29-67	40.5 38.6 37.2 35.9 35.0 34.1	7.9 9.8 11.2 12.5 13.4 14.3	5050 5050 5050 5050 5050 5050
12N/04E-13C01M	50.7	10-06-66 3-15-67	26.6 25.1	24.1 25.6	5102 5102	12N/04E-35H01M	48.4	10-27-66 11-30-66 12-29-66 1-30-67 2-28-67 3-29-67	40.5 38.6 37.2 35.9 35.0 34.1	7.9 9.8 11.2 12.5 13.4 14.3	5050 5050 5050 5050 5050 5050
12N/04E-14P01M	41.0	10-06-66 3-15-67	9.4 9.5	31.6 31.5	5102 5102	12N/04E-35H01M	48.4	10-27-66 11-30-66 12-29-66 1-30-67 2-28-67 3-29-67	40.5 38.6 37.2 35.9 35.0 34.1	7.9 9.8 11.2 12.5 13.4 14.3	5050 5050 5050 5050 5050 5050
12N/04E-15M01M	41.0	10-06-66 3-14-67	11.8 8.8	29.2 32.2	5401 5401	12N/04E-35H01M	48.4	10-27-66 11-30-66 12-29-66 1-30-67 2-28-67 3-29-67	40.5 38.6 37.2 35.9 35.0 34.1	7.9 9.8 11.2 12.5 13.4 14.3	5050 5050 5050 5050 5050 5050
12N/04E-16A04M	40.0	10-06-66 3-14-67	16.9 12.8	23.1 27.2	5401 5401	12N/04E-35H01M	48.4	10-27-66 11-30-66 12-29-66 1-30-67 2-28-67 3-29-67	40.5 38.6 37.2 35.9 35.0 34.1	7.9 9.8 11.2 12.5 13.4 14.3	5050 5050 5050 5050 5050 5050

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SUTTER COUNTY 5-21.05											
12N/04E-35H01M CONT.	48.4	4-26-67 5-25-67 6-28-67 7-27-67 8-28-67 9-27-67	33.3 34.9 35.0 35.4 34.4 33.3	15.1 13.5 13.4 13.0 14.0 15.1	5050 5050 5050 5050 5050 5050	13N/03E-02H01M	42.9	10-13-66 3-17-67 4-28-67	18.2 (4) 9.6	24.7 33.3	5102 5050
12N/04E-35H02M	48.4	10-07-66 3-15-67 4-01-67	40.6 (3) 33.9	7.8 10.5 14.5	5102 5102 5050	13N/03E-04J01M	38.0	10-02-66 3-06-67	17.0 9.1	21.0 28.9	5050 5050
12N/04E-36Q01M	48.0	10-06-66 3-15-67	48.4 43.5	-0.4 4.5	5102 5102	13N/03E-06K01M	33.7	10-13-66 3-20-67	9.9 5.8	23.8 27.9	5102 5102
13N/01E-01J01M	39.0	10-14-66 3-21-67	11.4 2.3	27.6 36.7	5102 5102	13N/03E-08M02M	33.0	10-12-66 3-20-67	7.8 3.5	25.2 29.5	5102 5102
13N/01E-12J02M	38.0	10-14-66 3-21-67	15.2 10.5	22.8 27.5	5102 5102	13N/03E-13D01M	38.8	10-13-66 3-21-67	16.2 7.0	22.6 31.8	5102 5102
13N/01E-23B01M	35.6	10-14-66 3-21-67	13.1 8.8	22.5 26.8	5102 5102	13N/03E-14C02M	36.0	10-13-66 3-17-67	12.8 7.1	23.2 28.9	5102 5102
13N/02E-04J01M	27.5	10-14-66 3-21-67	(5) 5.2	22.3	5102 5102	13N/03E-16A01M	34.6	10-13-66 3-20-67	11.7 6.1	22.9 28.5	5102 5102
13N/02E-23B02M	26.0	10-03-66 3-08-67	7.7 5.1	18.3 20.9	5050 5050	13N/03E-23K01M	35.0	10-13-66 10-27-66 11-30-66 12-29-66 1-27-67 2-28-67 3-17-67 3-30-67 4-28-67 5-26-67 6-29-67 7-27-67 8-30-67 9-27-67	9.5 9.6 8.1 6.4 4.6 5.1 4.9 4.7 4.1 4.2 4.6 4.6 5.1 2.9 6.5	25.5 23.4 26.9 28.6 30.4 29.9 30.1 30.3 30.9 30.8 30.4 30.4 29.9 28.5	5102 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
13N/02E-34M01M	21.0	10-14-66 10-27-66 11-30-66 12-29-66 1-30-67 2-28-67 3-21-67 3-30-67 4-28-67 5-27-67 6-29-67 7-28-67 8-31-67 9-28-67	6.3 7.1 6.2 5.9 2.0 8.5 7.3 6.3 5.8 2.8 3.0 2.7 2.5 5.9	14.7 13.9 14.8 15.1 16.4 12.5 13.7 14.7 15.2 18.2 18.0 18.3 18.5 15.1	5102 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	13N/03E-24D01M	36.2	10-13-66 3-21-67	12.7 4.2	23.5 32.0	5102 5102
						13N/03E-32N01M	23.0	10-03-66 3-08-67	4.8 4.8	18.2 18.2	5050 5050

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SUTTER COUNTY 5-21.05											
13N/03E-35K02M	33.0	10-14-66 3-17-67	6.7 3.9	26.3 29.1	5102 5102	13N/04E-36E01M	60.0	10-05-66 10-26-66 11-30-66 12-28-66 1-27-67 2-27-67 3-15-67 3-29-67 4-27-67 5-26-67 6-28-67 7-27-67 8-30-67 9-27-67	47.9 46.6 41.1 40.0 38.4 37.1 36.6 36.0 34.9 48.4 44.1 44.8 48.5 40.4	12.1 13.4 18.9 20.0 21.6 22.9 23.4 24.0 25.1 11.6 15.9 15.2 11.5 19.6	5102 5050 5050 5050 5050 5050 5102 5050 5050 5050 5050 5050 5050 5050
13N/04E-13D01M	62.0	10-06-66 3-15-67	29.9 23.8	32.1 38.2	5401 5102	13N/05E-07K01M	73.5	10-05-66 3-15-67	45.6 (6)	27.9	5102 5102
13N/04E-13R01M	69.1	10-05-66 3-15-67	46.7 39.3	22.4 29.8	5102 5102	13N/05E-08E01M	78.0	8-01-67	(1)		5050
13N/04E-16N01M	43.4	10-07-66 3-14-67	24.3 12.2	19.1 31.2	5102 5102	13N/05E-09R01M	83.5	10-05-66 3-07-67	38.3 27.9	45.2 55.6	5102 5102
13N/04E-22D01M	50.0	10-05-66 3-15-67	31.2 21.2	18.8 28.8	5401 5401	13N/05E-17G01M	74.0	10-05-66 3-15-67	33.9 27.0	40.1 47.0	5401 5401
13N/04E-22G01M	54.5	10-05-66 3-15-67	39.0 29.5	15.5 25.0	5102 5102	13N/05E-17R01M	70.0	10-05-66 3-15-67	(1) 33.5	36.5	5102
13N/04E-23A02M	57.0	10-05-66 3-15-67	31.6 28.7	25.4 28.3	5401 5401	13N/05E-18C01M	69.6	10-05-66 3-15-67	43.9 36.0	25.7 33.6	5401 5401
13N/04E-26R01M	59.0	10-06-66 3-15-67	(1) 38.5	20.5	5102 5102	13N/05E-21R03M	80.0	10-05-66 3-15-67	39.8 35.7	40.2 44.3	5401 5401
13N/04E-28R01M	48.0	10-06-66 3-15-67	46.9 27.4	1.1 20.6	5401 5401	13N/05E-28N01M	80.2	10-06-66 3-15-67	54.9 52.1	25.3 28.1	5102 5102
13N/04E-29A02M	40.0	10-05-66 3-17-67	24.5 12.3	15.5 27.7	5401 5401	13N/05E-30A01M	70.5	10-06-66 3-15-67	42.1 39.5	28.4 31.0	5102 5102
13N/04E-31R01M	35.0	10-06-66 3-14-67	18.8 8.5	16.2 26.5	5401 5401						
13N/04E-32G01M	45.0	10-05-66 3-14-67	27.7 19.7	17.3 25.3	5401 5401						
13N/04E-33P01M	47.0	10-06-66 3-15-67	28.8 23.2	18.2 23.8	5102 5102						

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SUTTER COUNTY 5-21.05											
13N/05E-31K01M	68.0	10-06-66 3-15-67	42.0 37.7	26.0 30.3	5401 5401	14N/03E-08N01M	44.9	10-13-66 3-17-67	41.7 21.8	3.2 23.1	5102 5102
14N/01E-02B01M	36.7	10-14-66 3-21-67	6.8 4.0	29.9 32.7	5102 5102	14N/03E-10P03M	48.0	10-02-66 3-06-67	40.3 31.8	7.7 16.2	5050 5050
14N/01E-08A06M	39.0	10-14-66 3-21-67	11.3 2.7	27.7 36.3	5102 5102	14N/03E-14E02M	47.0	10-13-66 3-17-67	32.1 20.2	14.9 26.8	5102 5102
14N/01E-14G01M	37.0	10-14-66 10-27-66 11-30-66 12-29-66 1-30-67 2-28-67 3-21-67 5-30-67 6-28-67 5-27-67 6-29-67 7-28-67 8-31-67 9-28-67	7.7 7.9 7.3 5.6 1.9 4.6 4.4 5.0 3.7 3.5 3.5 (1) 5.4 6.4	29.3 29.1 29.7 31.4 35.1 32.4 32.6 32.0 33.3 33.5 33.5 31.6 30.6	5102 5050 5050 5050 5050 5050 5102 5050 5050 5050 5050 5050 5050 5050	14N/03E-17A03M	46.0	10-27-66 11-30-66 12-29-66 1-27-67 2-28-67 3-30-67 4-28-67 5-26-67 6-29-67 7-27-67 8-30-67 9-27-67	38.0 36.8 35.7 34.5 32.6 35.8 30.0 30.7 39.6 40.9 (1) 48.4 34.1	8.0 9.2 10.3 11.5 13.4 10.2 16.0 15.3 6.4 5.1 -2.4 11.9	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
14N/01E-24Q01M	37.0	10-14-66 3-21-67	7.9 (4) 8.1	29.1 28.9	5102 5102	14N/03E-18D01M	41.0	10-13-66 3-17-67	8.5 6.2	32.5 34.8	5102 5102
14N/02E-13R01M	38.4	10-12-66	(6)		5102	14N/03E-22B02M	46.6	10-13-66 3-17-67	30.7 23.4	15.9 23.2	5102 5102
14N/02E-14B01M	38.0	10-13-67 3-20-67	7.1 5.3	30.9 32.7	5102 5102	14N/03E-31B01M	38.0	10-13-66 3-20-67	(1) 5.8	32.2	5102 5102
14N/02E-17A02M	34.0	10-14-66 3-21-67	5.7 6.9	28.3 27.1	5102 5102	14N/03E-33C01M	38.6	10-02-66 3-06-67	12.5 9.5	26.1 29.1	5050 5050
14N/02E-26R01M	33.0	10-13-66 3-20-67	10.5 6.4	22.5 26.6	5102 5102	15N/01E-12A01M	98.0	10-12-66 3-20-67	57.8	40.2	5102
14N/02E-31K01M	31.0	10-14-66 3-21-67	8.0 4.6	23.0 26.4	5102 5102	15N/01E-13A01M	56.0	10-12-66 3-20-67	26.6 21.0	29.4 35.0	5102 5102
14N/03E-05C01M	49.1	10-13-66 3-17-67	37.1 26.8	12.0 22.3	5102 5102	15N/01E-14F01M	51.0	10-12-66 3-20-67	17.7 13.4	33.3 37.6	5102 5102

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
SUTTER COUNTY 5-21-05												
15N/01E-16R01M	40.5	10-14-66 10-27-66 11-30-66 12-29-66 1-30-67 2-28-67 3-21-67 3-30-67 4-28-67 5-26-67 6-29-67 7-28-67 8-31-67 9-28-67	8.0 8.2 6.2 5.2 2.3 4.1 4.0 4.4 3.1 4.6 4.9 5.5 5.7 6.7	32.5 32.3 34.3 35.2 38.0 36.4 36.5 36.1 37.4 35.9 35.6 35.0 34.8 33.8	5102 5050 5050 5050 5050 5050 5102 5050 5050 5050 5050 5050 5050 5050 5050		15N/02E-35D01M	42.5 3-17-67	10-13-66 3-17-67	7.7 5.1	34.8 37.4	5102 5102
15N/02E-10D02M	71.0	10-12-66 3-20-67	29.3 26.0	41.7 45.0	5102 5102	15N/03E-17B02M	55.0 3-06-67	10-02-66 3-06-67	35.9 27.6	19.1 27.4	5050 5050	
15N/02E-22D01M	46.0	10-27-66 11-30-66 12-29-66 1-30-67 2-28-67 3-30-67 4-28-67 5-26-67 6-29-67 7-28-67 8-31-67 9-28-67	8.4 8.4 7.8 2.9 7.6 8.4 7.6 4.2 5.1 4.8 4.3 6.2	37.6 37.6 38.2 43.1 38.4 37.6 38.4 41.8 40.9 41.2 41.7 39.8	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050		15N/03E-21H02M	51.0 10-13-66 10-27-66 11-30-66 12-29-66 1-27-67 2-28-67 3-17-67 4-29-67 5-26-67 6-29-67 7-27-67 8-30-67 9-27-67	41.6 41.5 39.1 37.3 35.9 33.9 33.3 33.9 32.4 37.8 45.2 49.9 45.8 41.7	9.4 9.5 11.9 13.7 15.1 17.1 17.7 17.1 18.6 13.2 5.8 1.1 5.2 9.3	5102 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	
15N/02E-24B01M	51.0	10-13-66 3-17-67	14.4 10.7	36.6 40.3	5102 5102	15N/03E-26M01M	51.2 3-17-67	10-13-66 3-17-67	32.2 22.8	19.0 28.4	5102 5102	
15N/02E-25A01M	48.0	10-13-66 3-17-67	13.5 10.2	34.5 37.8	5102 5102	15N/03E-33N04M	48.0 3-17-67	10-14-66 3-17-67	40.0 31.0	8.0 17.0	5102 5102	
15N/02E-28D02M	40.0	10-12-66 10-27-66 11-30-66 12-29-66 1-30-67 2-28-67 3-20-67 3-30-67 4-28-67	6.7 6.7 5.5 6.8 1.7 7.0 7.3 7.2 6.1	33.3 33.3 34.5 33.2 38.3 33.0 32.7 32.8 33.9	5102 5050 5050 5050 5050 5050 5102 5050 5050		15N/03E-34L01M	52.0 3-17-67	10-13-66 3-17-67	40.6 32.7	11.4 19.3	5102 5102
15N/01W-25A01M	50.0	10-14-66 3-21-67				15N/01W-25A01M	50.0 3-21-67	10-14-66 3-21-67	12.0 7.4	38.0 42.6	5102 5102	

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA						
SUTTER COUNTY 5-21-05																	
16N/01E-08C01M	58.0	10-12-66 3-20-67	14.1 8.8	43.9 49.2	5102 5102	17N/02E-34A01M	74.6 10-12-66 10-26-66 11-30-66 12-29-66 1-27-67 2-28-67 3-20-67 4-27-67 5-26-67 6-28-67 7-27-67 8-30-67 9-27-67	4.0 5.5 3.1 5.3 2.6 6.0 5.0 4.9 5.0 4.2 (9) 2.8 3.3 (9)	70.6 69.1 71.5 69.3 72.0 68.6 69.6 69.7 69.6 70.4 71.8 71.3 71.3	5102 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050							
16N/01E-18K01M	78.0	10-12-66 3-20-67	35.8 24.0	42.2 54.0	5102 5102	17N/03E-30N01M	77.8 10-12-66 3-20-67	9.7 5.5	68.1 72.3	5102 5102							
16N/01E-31H01M	71.0	10-12-66 3-20-67	36.0 26.7	35.0 44.3	5102 5102	17N/03E-33P01M	77.0 10-12-66 3-20-67	13.8 8.6	63.2 68.4	5102 5102							
16N/02E-02Q01M	71.0	10-12-66 3-20-67	7.6 5.5	63.4 65.5	5102 5102	YUBA COUNTY 5-21-06											
16N/02E-26Q01M	67.0	10-12-66 3-20-67	16.2 13.7	50.8 53.3	5102 5102	13N/04E-01Q01M	62.0 10-07-66 3-09-67	57.2 43.6	4.8 18.4	5103 5103							
16N/03E-07D02M	73.0	10-12-66 3-20-67	10.9 6.9	62.1 66.1	5102 5102	13N/04E-02C01M	65.0 10-07-66 3-09-67	76.0 56.6	-11.0 8.4	5103 5103							
16N/03E-21D01M	69.5	10-12-66 3-20-67	11.1 5.8	58.4 63.7	5102 5102	13N/04E-04H01M	56.0 10-07-66 3-09-67	(1) 45.6	10.4	5103 5103							
16N/03E-21D02M	70.0	10-26-66 11-30-66 12-29-66 1-27-67 2-28-67 3-30-67 4-27-67 5-26-67 6-28-67 7-27-67 8-30-67 9-27-67	11.7 11.6 9.9 8.1 6.4 7.9 5.3 8.2 6.2 8.9 8.4 8.8	58.3 58.4 60.1 61.9 63.6 62.1 64.7 61.8 63.8 61.1 61.6 61.2	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050		13N/04E-07E01M	38.7 10-07-66 3-14-67	(1) 10.4	28.3	5103 5103						
16N/03E-33J02M	65.4	10-12-66 3-20-67	29.8 21.7	35.6 43.7	5102 5102	13N/04E-09R01M	49.0 10-17-66 3-09-67	40.8 32.4	8.2 16.6	5103 5103							
17N/01E-25J01M	75.5	10-12-66 3-24-67	(1) 26.5	49.0	5102	13N/04E-17P01M	41.1 10-07-66 3-14-67	20.2 10.6	20.9 30.5	5103 5103							
17N/01E-33G01M	68.0	10-12-66 3-20-67	18.5 16.3	49.5 51.7	5102												
17N/02E-31A01M	86.0	10-12-66 3-20-67	42.0 26.2	44.0 59.8	5102 5102												

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
YUBA COUNTY 5-21.06												
13N/04E-20B02M	41.3	10-26-66 11-30-66 12-28-66 1-27-67 2-27-67 3-29-67 4-27-67 5-26-67 6-28-67 7-27-67 8-30-67 9-27-67	21.4 20.6 16.8 13.7 10.4 8.7 7.0 8.0 11.7 (1) 17.1 15.4 15.2	19.9 20.7 24.5 27.6 30.9 32.6 34.3 33.2 29.6 24.2 25.9 26.1	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050		14N/04E-13C01M	73.1	10-10-66 3-09-67	96.5 81.5	-23.4 -8.4	5103 5103
13N/05E-04J01M	83.0	10-10-66 3-09-67	34.5 27.7	48.5 55.3	5103 5103	14N/04E-15C05M	64.0	10-07-66 10-26-66 11-30-66 12-28-66 1-27-67 2-27-67 3-29-67 4-27-67 5-26-67 6-28-67 7-27-67 8-30-67 9-27-67	69.4 71.2 69.9 65.0 63.6 61.0 60.5 58.9 60.9 63.7 (1) 67.8 68.2	-5.4 -7.2 -5.9 -1.0 0.4 3.0 3.5 5.1 3.1 0.3 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	5103 5050 5103 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	
13N/05E-06E01M	62.8	10-17-66 3-09-67	59.4 48.3	3.4 14.5	5103 5103	14N/04E-18C01M	51.5	10-07-66 3-10-67	50.9 38.5	0.6 13.0	5103 5103	
13N/05E-08B01M	76.1	10-17-66 3-09-67	31.1 26.2	45.0 49.9	5103 5103	14N/04E-20H01M	42.0	10-02-66 3-06-67	47.0 27.8	-5.0 14.2	5050 5050	
14N/03E-12F01M	52.0	10-07-66 3-14-67	30.6 19.1	21.4 32.9	5103 5103	14N/04E-22M01M	61.2	10-06-66 3-09-67	(1) 53.2	8.0	5103 5103	
14N/03E-24B01M	48.2	10-07-66 3-14-67	44.1 27.1	4.1 21.1	5103 5103	14N/04E-23A01M	71.0	10-10-66 3-09-67	88.5 80.6	-17.5 -9.6	5103 5103	
14N/03E-25C02M	48.0	10-07-66 3-14-67	33.3 21.2	14.7 26.8	5103 5103	14N/04E-24P01M	69.0	10-10-66 3-09-67	94.0 82.0	-25.0 -13.0	5103 5103	
14N/03E-36C01M	50.0	10-07-66 3-14-67	22.5 15.2	27.5 34.8	5103 5103	14N/04E-28R01M	58.7	10-07-66 3-09-67	57.3 52.5	1.4 6.2	5103 5103	
14N/04E-05J02M	62.0	10-14-66 3-14-67	67.2 55.3	-5.2 6.7	5103 5103	14N/04E-30F01M	44.0	10-07-66 3-14-67	40.2 25.4	3.8 18.6	5103 5103	
14N/04E-07A03M	52.0	10-07-66 3-10-67	54.0 43.3	-2.0 8.7	5103 5103	14N/04E-30K01M	45.0	10-07-66 3-14-67	38.0 27.8	7.0 17.2	5103 5103	
14N/04E-11H01M	71.5	10-10-66 3-09-67 3-29-67	93.5 (7) 84.6	-22.0 -13.1	5103 5050							

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
YUBA COUNTY 5-21.06												
14N/04E-30N01M	45.0	10-26-66 11-30-66 12-28-66 1-27-67 2-27-67 3-29-67 4-27-67 5-26-67 6-28-67 7-27-67 8-30-67 9-27-67	29.4 26.2 24.4 22.2 20.6 19.5 18.7 19.8 35.9 31.1 30.3 25.5	15.6 18.8 20.6 22.8 24.4 25.5 26.3 25.2 9.1 13.9 14.7 19.5	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050		14N/05E-20D02M	86.0 7-11-67	3-09-67 107.9 88.8	95.0 108.1	-9.0 -22.1	5103 5050
14N/04E-32M01M	49.0	10-02-66 3-06-67	30.7 25.2	18.3 23.8	5050 5050	14N/05E-21R02M	92.5 3-06-67	10-10-66 91.1	107.9 31.2	-15.4 33.9	5103 5050	
14N/04E-35N01M	62.0	10-07-66 3-09-67	(1) 59.6	2.4	5103 5103	14N/05E-26F01M	125.0 3-06-67	10-02-66 93.8	93.8 91.1	31.2 33.9	5050 5050	
14N/04E-36G01M	68.8	10-17-66 3-09-67	81.3 71.7	-12.5 -2.9	5103 5103	14N/05E-27L02M	92.0 3-09-67	10-10-66 72.0	84.4 72.0	7.6 20.0	5103 5103	
14N/05E-05A01M	89.2	10-10-66 3-09-67	106.4 97.8	-17.2 -8.6	5103 5103	14N/05E-30Q01M	77.2 10-26-66 11-30-66 12-28-66 1-27-67 2-27-67 3-09-67 3-29-67 4-27-67 5-26-67 6-28-67 7-27-67 8-28-67 9-27-67	10-17-66 89.2 89.8 81.3 79.4 77.4 75.2 74.3 73.2 71.3 77.7 89.9 88.9 93.1 88.8	89.2 -12.0 -12.6 -4.1 -2.2 -0.2 2.0 2.9 4.0 5.9 -0.5 -12.7 -11.7 -15.9 -11.6	10-10-66 12.6 4.1 -2.2 -0.2 2.0 2.9 4.0 5.9 -0.5 -12.7 -11.7 -15.9 -11.6	5103 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	
14N/05E-06B01M	77.8	10-10-66 3-09-67	95.7 85.3	-17.9 -7.5	5103 5103	14N/05E-32R02M	74.0 3-09-67	10-10-66 55.8	63.1 18.2	10.9 5103		
14N/05E-08R01M	88.9	10-10-66 3-09-67	(1) 93.7	-4.8	5103 5103	14N/05E-34G01M	108.0 3-06-67	10-02-66 69.2	78.0 38.8	30.0 5050		
14N/05E-12N01M	121.0	7-11-67	7.4	113.6	5050							
14N/05E-13C01M	121.0	10-02-66 3-06-67	(4) 23.2	97.8	5050 5050	15N/03E-01D05M	66.0 10-26-66 11-30-66 12-28-66 1-27-67 2-27-67 3-29-67 4-27-67 5-26-67 6-28-67 7-28-67 8-30-67 9-27-67	25.4 22.8 19.2 15.7 12.8 12.6 11.5 13.8 20.8 26.8 39.2 24.6 20.2	40.6 43.2 46.8 50.3 53.2 53.4 54.5 52.2 45.2 39.2 5050 5050	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050		
14N/05E-15D02M	106.0	7-11-67	139.0	-33.0	5050							
14N/05E-16C02M	98.0	10-10-66 3-09-67	115.7 96.8	-17.7 1.2	5103 5103							
14N/05E-18A01M	86.2	10-10-66 3-09-67	(1) 98.2	-12.0	5103 5103							
14N/05E-20D01M	86.0	10-10-66 3-09-67	110.5 (5)	-24.5	5103 5103							

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
YUBA COUNTY 5-21.06											
15N/03E-11C02M	60.0	10-12-66 3-10-67	25.6 18.4	34.4 41.6	5103 5103	15N/04E-32D01M	64.0	10-14-66 10-26-66 11-30-66 12-28-66 1-27-67 2-27-67 3-09-67 3-29-67 4-27-67 5-26-67 6-28-67 7-27-67 8-30-67 9-27-67	44.5 53.3 48.8 47.9 45.4 43.6 45.5 43.7 42.8 48.0 51.7 55.6 56.2 53.6	19.5 10.7 15.2 16.1 18.6 20.4 18.5 20.3 21.2 16.0 12.3 8.4 7.8 10.4	5103 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
15N/03E-13F01M	56.0	10-02-66 3-06-67	27.9 15.6	28.1 40.4	5050 5050	15N/04E-33D01M	70.0	10-10-66 3-09-67	63.1 57.0	6.9 13.0	5103 5103
15N/03E-25J01M	57.0	10-02-66 3-06-67	23.7 15.1	33.3 41.9	5050 5050	15N/04E-35L01M	70.0	10-10-66 3-09-67	{4} (0)	5103 5050	
15N/04E-04R01M	85.4	10-10-66 3-10-67	39.8 32.7	45.6 52.7	5103 5103	15N/04E-35P01M	68.0	7-12-67	71.1	-3.1	5050
15N/04E-07H01M	70.0	10-11-66 3-10-67	19.8 16.6	50.2 53.4	5103 5103	15N/05E-06R01M	105.0	10-02-66 3-06-67	27.1 19.8	77.9 85.2	5050 5050
15N/04E-08R01M	80.3	10-10-66	(6)		5103	15N/05E-19N01M	80.0	10-10-66 3-10-67 3-29-67	94.3 (2) 84.7	-14.3 5103 -4.7 5050	5103 5103
15N/04E-13A01M	89.0	10-02-66 3-06-67	68.5 54.2	20.5 34.8	5050 5050	15N/05E-29C01M	91.0	10-02-66 3-06-67	94.7 94.0	-3.7 -3.0	5050 5050
15N/04E-15A01M	78.5	10-10-66 3-09-67	43.6 32.0	34.9 46.5	5103 5103	15N/05E-30B01M	88.0	10-26-66 11-30-66 12-28-66 1-27-67 2-27-67 3-29-67 4-27-67 5-26-67 6-28-67 7-27-67 8-30-67 9-27-67	94.9 (8) 91.6 89.4 89.2 88.8 87.8 96.5 97.8 100.4 101.1 101.9	-6.9 5050 -3.6 5050 -1.4 5050 -1.2 5050 -0.8 5050 0.2 5050 -8.5 5050 -9.8 5050 -12.4 5050 -13.1 5050 -13.9 5050	5103 5103
15N/04E-15R01M	81.0	10-10-66 3-09-67	54.0 49.2	27.0 31.8	5103 5103	15N/05E-17R01M	81.0	4-27-67 5-26-67 6-28-67 7-27-67 8-30-67 9-27-67	12.7 12.4 11.2 10.3 8.8 9.6	68.3 68.6 69.8 70.7 72.2 71.4	5050 5050 5050 5050 5050 5050
15N/04E-16P01M	76.3	10-10-66 3-09-67	42.4 37.2	33.9 39.1	5103 5103	16N/04E-27P02M	86.0	10-11-66 3-10-67	8.8 10.9	77.2 75.1	5103 5103
15N/04E-20E01M	71.0	10-11-66 3-09-67	31.0 28.4	40.0 42.6	5103 5103	16N/04E-28E01M	80.2	10-11-66 3-10-67	9.0 9.2	71.2 71.0	5103 5103
15N/04E-22P01M	72.0	10-10-66 3-09-67	60.0 54.3	12.0 17.7	5103 5103	16N/04E-33N01M	79.6	10-11-66 2-17-67 3-10-67	(4) 10.0 (4)	69.6 69.6 5103 5050 5103	5103 5103
15N/04E-23A01M	83.0	10-10-66 3-10-67	(1) 54.3	28.7	5103 5103	16N/04E-34Q01M	94.6	10-11-66 3-10-67	(5) 19.1	75.5	5103 5103
15N/04E-24A01M	86.3	7-14-67	97.8	-11.5	5050	17N/03E-22R01M	85.5	10-11-66 3-10-67	30.7 21.2	54.8 64.3	5103 5103
15N/04E-24B01M	85.0	7-14-67	94.2	-9.2	5050	17N/03E-26A02M	84.7	10-11-66 3-10-67	27.0 20.8	57.7 63.9	5103 5103
15N/04E-24H01M	80.0	7-14-67	100.1	-20.1	5050	17N/03E-35H02M	82.0	10-11-66 3-10-67	35.0 22.8	47.0 59.2	5103 5103
15N/04E-28D01M	77.1	10-10-66 3-09-67	65.7 59.4	11.4 17.7	5103 5103	17N/04E-27P01M	106.0	10-11-66 3-10-67	54.5 49.2	51.5 56.8	5103 5103

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
YUBA COUNTY 5-21.06											
15N/05E-33G01M	108.0	9-21-67	101.9	6.1	5050	16N/04E-17R01M	81.0	4-27-67 5-26-67 6-28-67 7-27-67 8-30-67 9-27-67	12.7 12.4 11.2 10.3 8.8 9.6	68.3 68.6 69.8 70.7 72.2 71.4	5050 5050 5050 5050 5050 5050
16N/03E-01P02M	78.0	10-11-66 10-26-66 11-30-66 12-28-66 1-27-67 2-27-67 3-29-67 4-27-67 5-26-67 6-28-67 7-27-67 8-30-67 9-27-67	30.8 (1) 30.3 29.1 27.4 24.7 21.1 21.1 16.9 17.7 22.2 25.2 26.3 24.5	47.2 47.7 48.9 50.6 53.3 56.9 56.9 61.1 60.3 55.8 52.8 51.7 53.5	5103 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	16N/04E-27P02M	86.0	10-11-66 3-10-67	8.8 10.9	77.2 75.1	5103 5103
16N/03E-02C01M	80.0	10-11-66 4-05-67	{3} (0)		5103 5050	16N/04E-28E01M	80.2	10-11-66 3-10-67	9.0 9.2	71.2 71.0	5103 5103
16N/03E-14B02M	75.0	10-11-66 3-10-67	25.9 13.0	49.1 62.0	5103 5103	16N/04E-33N01M	79.6	10-11-66 2-17-67 3-10-67	(4) 10.0 (4)	69.6 69.6 5103 5050 5103	5103 5103
16N/03E-24A01M	69.0	10-12-66 3-10-67	22.9 14.2	46.1 54.8	5103 5103	16N/04E-34Q01M	94.6	10-11-66 3-10-67	(5) 19.1	75.5	5103 5103
16N/03E-26F01M	68.2	10-12-66 3-10-67	25.6 14.1	42.6 54.1	5103 5103	17N/03E-22R01M	85.5	10-11-66 3-10-67	30.7 21.2	54.8 64.3	5103 5103
16N/03E-36G01M	63.5	10-12-66 3-10-67	19.0 10.4	44.5 53.1	5103 5103	17N/03E-26A02M	84.7	10-11-66 3-10-67	27.0 20.8	57.7 63.9	5103 5103
16N/04E-08A01M	91.0	10-11-66 3-10-67	(8) 37.0	55.1 54.0	5103 5103	17N/04E-35H02M	82.0	10-11-66 3-10-67	35.0 22.8	47.0 59.2	5103 5103
16N/04E-16A01M	94.2	10-11-66 3-10-67	39.1 43.3	55.1 50.9	5103 5103	17N/04E-27P01M	106.0	10-11-66 3-10-67	54.5 49.2	51.5 56.8	5103 5103
16N/04E-17R01M	81.0	10-26-66 11-30-66 12-28-66 1-27-67 2-27-67 3-29-67	14.0 14.2 13.7 13.5 13.5 13.6	67.0 66.8 67.3 67.5 67.5 67.4	5050 5050 5050 5050 5050 5050	17N/04E-30R01M	89.0	10-11-66 3-10-67	50.0 37.7	39.0 51.3	5103 5103
						17N/04E-33Q01M	105.0	10-11-66 3-10-67	76.1 52.4	28.9 52.6	5103 5103
						17N/04E-35C01M	121.7	10-11-66 3-10-67	59.1 53.7	62.6 68.0	5103 5103

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
PLACER COUNTY 5-21.07											
10N/05E-04Q01M	72.2	10-03-66 3-07-67	75.5 71.5	-3.3 0.7	5107	10N/06E-10C01M	146.4	10-03-66 3-06-67	118.8 118.1	27.6 28.3	5107
10N/05E-05E01M	55.0	10-03-66 3-07-67	76.3 69.3	-21.3 -14.3	5107	10N/06E-12D01M	145.0	10-03-66 3-06-67	22.0 21.7	123.0 125.3	5107
10N/05E-06E01M	44.6	10-03-66 3-06-67	DRY (9)		5107	10N/06E-13C01M	188.7	10-03-66 3-06-67	158.7 153.1	30.0 35.6	5107
10N/05E-08L02M	51.5	10-03-66 3-06-67	(1) 59.0	-7.5	5107	10N/06E-17A01M	140.0	10-03-66 3-06-67	120.3 117.8	19.7 22.2	5107
10N/05E-10J03M	87.0	10-03-66 3-06-67	91.6 82.1	-4.6 4.9	5107	10N/07E-07E02M	160.5	10-03-66 3-06-67	121.3 118.3	39.2 42.2	5107
10N/05E-12D01M	105.0	10-03-66 3-06-67	91.0 87.7	14.0 17.3	5107	10N/07E-18J01M	195.0	10-03-66 3-06-67	143.2 146.2	51.8 46.8	5107
10N/06E-03M01M	136.0	10-03-66 3-06-67	111.6 (8)	24.4	5107	11N/05E-01N01M	106.3	10-04-66 3-07-67	87.5 (7)	18.8	5107
10N/06E-05H01M	141.0	10-03-66 10-26-66 11-29-66 12-28-66 1-27-67 2-27-67 3-05-67 3-29-67 4-27-67 5-26-67 6-28-67 7-27-67 8-30-67 9-26-67	117.2 114.5 113.0 112.6 112.1 113.0 111.9 111.7 111.4 113.0 114.5 117.1 117.9 116.8	23.8 26.5 28.0 28.4 28.9 28.0 29.1 29.3 29.6 28.0 26.5 23.9 23.1 24.2	5107 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	11N/05E-03M03M	89.3	10-04-66 10-26-66 11-29-66 12-28-66 1-27-67 2-27-67 3-07-67 3-29-67 4-27-67 5-26-67 6-28-67 7-27-67 8-30-67 9-27-67	84.9 85.3 83.4 83.1 82.4 81.5 81.6 80.7 79.9 82.1 82.3 83.4 83.7 83.3	4.4 4.0 5.9 6.2 6.9 7.8 7.7 8.6 9.4 7.2 7.0 5.9 5.6 6.0	5107 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
10N/06E-05L01M	134.0	10-03-66 3-06-67	113.3 109.2	20.7 24.8	5107	11N/05E-06H01M	57.5	10-04-66 3-07-67	58.7 54.3	-1.2 3.2	5107
10N/06E-07L01M	94.0	10-03-66 3-06-67	77.5 72.9	16.5 21.1	5107	11N/05E-07H01M	63.0	10-03-66 3-07-67	60.9 65.2	-6.0 -2.2	5107
10N/06E-09D01M	142.0	10-06-66 2-16-67 3-06-67	(3) 105.5 (3)	36.5	5107 5050 5107	11N/05E-15G01M	74.7	10-03-66 3-07-67	79.5 66.0	-4.8 8.7	5107

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
PLACER COUNTY 5-21.07											
11N/05E-16H01M	88.0	10-03-66 3-07-67	88.0 82.7	0.0 5.3	5107	11N/06E-11R01M	162.0	10-03-66 3-06-67	18.7 16.4	143.3 145.6	5107
11N/05E-17A04M	72.0	10-03-66 3-07-67	77.0 67.5	-5.0 4.5	5107	11N/06E-15C04M	116.0	10-03-66 3-06-67	65.7 66.4	50.3 49.6	5107
11N/05E-18R01M	61.0	10-04-66 3-07-67	70.2 65.0	-9.2 -4.0	5401	11N/06E-17J02M	109.0	10-03-66 3-06-67	53.7 46.4	55.3 62.6	5107
11N/05E-20C01M	63.0	10-03-66 3-07-67	77.1 68.6	-14.1 -5.6	5107	11N/06E-18P05M	85.0	10-04-66 3-07-67	63.5 60.1	21.5 24.9	5107
11N/05E-28C01M	70.0	10-03-66 3-06-67	78.6 69.1	-8.6 0.9	5107	11N/06E-28N01M	148.0	10-03-66 3-06-67	128.0 117.0	20.0 31.0	5107
11N/05E-29G02M	64.0	10-03-66 3-06-67	80.0 66.9	-16.0 -2.9	5107	11N/06E-30F02M	105.0	6-28-67	93.4	11.6	5050
11N/05E-31D03M	52.0	10-03-66 3-17-67	DRY (8)		5107	11N/06E-32F02M	125.8	10-03-66 3-06-67	103.4 100.4	22.4 25.4	5107
11N/05E-32R01M	70.0	10-03-66 10-26-66 11-29-66 12-28-66 1-27-67 2-27-67 3-07-67 3-29-67 4-27-67 5-26-67 6-27-67 7-27-67 8-29-67 9-26-67	78.7 79.0 76.6 75.9 74.9 74.4 74.3 73.4 72.8 75.3 77.4 80.8 81.6 79.7	-8.7 -9.0 -6.6 -5.9 -4.9 -4.4 -4.3 -3.4 -2.8 -5.3 -7.4 -10.8 -11.6 -9.7	5107 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	11N/06E-34D01M	161.5	10-03-66 3-06-67	(1) 124.3	37.2	5107
11N/05E-34R03M	97.0	10-03-66 3-07-67	99.5 89.7	6.5 11.3	5107	12N/05E-01D02M	97.8	10-10-66 3-08-67	53.7 35.8	44.1 62.0	5107
11N/06E-06B01M	130.2	10-03-66 3-07-67	99.6 98.8	30.6 31.4	5107	12N/05E-01R01M	112.5	10-04-66 3-08-67	53.4 43.1	59.1 69.4	5107
11N/06E-10P01M	125.0	10-03-66 3-06-67	48.7 47.0	76.3 78.0	5107	12N/05E-04F01M	77.0	10-05-66 3-08-67	63.8 60.7	13.2 16.3	5107
11N/06E-05E-06R01M	69.0	10-05-66 3-08-67				12N/05E-06J03M	62.0	10-02-66 3-06-67	35.6 33.3	26.4 28.7	5050
12N/05E-07H01M	68.5	10-05-66 3-08-67				12N/05E-06R01M	69.0	10-05-66 3-08-67	51.7 44.7	17.3 24.3	5107

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
PLACER COUNTY 5-21.07												
12N/05E-12Q01M	106.0	10-04-66 10-26-66 11-30-66 12-28-66 1-27-67 2-27-67 3-08-67 3-29-67 4-27-67 5-26-67 6-28-67 7-27-67 8-30-67 9-27-67	64.6 63.1 57.6 56.2 54.9 54.1 53.4 52.8 52.0 68.1 73.6 78.0 81.0 67.2	41.4 42.9 48.4 49.9 51.1 51.9 52.6 53.2 54.0 37.9 32.4 28.0 25.0 38.8	5107 5050 5050 5050 5050 5050 5107 5050 5050 5050 5050 5050 5050 5050 5050		12N/05E-23H01M	103.0	10-04-66 3-08-67	{4} {4}		5107 5107
12N/05E-14H01M	100.6	10-04-66 3-08-67	{8}		5107 5107	12N/05E-26D01M	90.0	10-04-66 3-08-67	83.0 73.1	7.0 16.9	5107 5107	
12N/05E-14R01M	103.4	10-04-66 3-08-67 4-04-67	{9} {3} 68.8	34.6	5107 5107 5050	12N/05E-26H02M	91.0	10-04-66 3-08-67	74.0 64.9	17.0 26.1	5107 5107	
12N/05E-15A01M	89.0	10-05-66 4-04-67	81.0 74.7	8.0 14.3	5107 5050	12N/05E-28C01M	77.0	10-04-66 3-08-67 4-04-67	{8} {8} {8}		5107 5107 5050	
12N/05E-17A02M	75.0	10-05-66 3-08-67	78.5 66.4	-3.5 8.6	5107 5107	12N/05E-29D01M	64.0	10-04-66 3-08-67	63.9 54.1	0.1 9.9	5107 5107	
12N/05E-17D01M	66.5	10-05-66 10-26-66 11-30-66 12-28-66 1-27-67 2-27-67 3-08-67 3-29-67 4-27-67 5-26-67 6-28-67 7-27-67 8-30-67 9-27-67	61.1 65.3 61.0 58.9 57.2 55.9 55.1 54.3 53.0 56.9 57.8 55.7 55.2 53.3	5.4 1.2 5.5 7.6 9.3 10.6 11.4 12.2 13.5 9.6 8.7 10.8 11.3 13.2	5107 5050 5050 5050 5050 5050 5107 5050 5050 5050 5050 5050 5050 5050 5050		12N/06E-07M01M	109.7	10-04-66 3-08-67	59.2 48.6	50.5 61.1	5107 5107
12N/05E-18R01M	66.0	10-05-66 3-08-67	{1} 52.8	13.2	5107 5107	12N/06E-11E01M	175.0	10-10-66 3-08-67	{4} 30.9 (1)	144.1	5107 5107	
						12N/06E-14F01M	180.0	10-04-66 3-08-67	17.3 11.6	162.7 168.4	5107 5107	
						12N/06E-16D01M	132.9	10-04-66 3-08-67	68.9 69.1	64.0 63.8	5107 5107	
						12N/06E-18L01M	112.5	10-10-66 3-08-67	51.8 (8)	60.7 45.0	5107 5050	
						12N/06E-19P01M	114.0	10-04-66 3-08-67 4-04-67	65.6 (8) 69.0	48.4 5107 45.0	5107 5107 5050	

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
PLACER COUNTY 5-21.07												
12N/06E-20P03M	129.0	10-04-66 3-08-67 4-04-67	105.7 (8) 89.6	23.3 39.4	5107 5107 5050	13N/05E-13E02M CONT.	109.0	3-14-67 3-29-67 4-27-67 5-26-67 6-28-67 7-27-67 8-30-67 9-27-67	56.0 55.5 54.6 55.0 55.6 56.6 57.2 (6)	53.0 53.5 54.4 54.0 53.4 52.4 51.8 5050	5107 5050 5050 5050 5050 5050 5050 5050	
12N/06E-27D01M	139.7	10-04-66 3-14-67	106.1 105.8	33.6 33.9	5107 5107	13N/05E-22C03M	80.0	10-05-66 3-08-67	35.1 30.1	44.9 49.9	5107 5107	
12N/06E-27D02M	139.0	10-26-66 11-30-66 12-28-66 1-27-67 2-27-67 3-29-67 4-27-67 5-26-67 6-28-67 7-27-67 8-30-67 9-27-67	106.5 106.8 107.1 106.8 106.4 105.8 105.4 104.8 104.7 105.0 105.6 106.1	32.5 32.2 31.9 32.2 32.6 33.2 33.6 34.2 34.3 34.0 33.4 32.9	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050		13N/05E-24E02M	92.0	10-04-66 3-08-67	42.4 35.1	49.6 56.9	5107 5107
12N/06E-28M01M	128.5	10-04-66 3-14-67 4-04-67	{1} (9) 93.5	5107 5107 35.0	5050 5050 5050	13N/05E-24J01M	101.3	10-05-66 3-14-67	49.1 40.5	52.2 60.8	5107 5107	
12N/06E-30L01M	108.3	10-04-66 3-08-67	{8}	54.3	5107	13N/05E-27R03M	87.0	10-05-66 3-08-67	47.2 44.7	39.8 42.3	5107 5107	
12N/06E-32K01M	117.0	10-04-66 3-07-67	90.6 82.8	26.4 34.2	5107 5107	13N/05E-34P01M	87.0	10-05-66 3-08-67	{1}	48.4	5107	
13N/05E-01K01M	126.0	10-05-66 3-08-67	39.9 37.7	86.1 88.3	5107	13N/05E-34R03M	90.0	10-05-66 3-08-67	{9}	45.2	5107 5107	
13N/05E-03J01M	95.0	10-05-66 3-08-67	30.1 24.9	64.9 70.1	5107	13N/06E-06A01M	160.0	10-05-66 3-08-67	59.0 42.1	101.0 117.9	5107 5107	
13N/05E-10B01M	88.6	10-05-66 3-08-67	32.8 26.1	55.8 62.5	5107	13N/06E-09N02M	164.8	10-05-66 3-08-67	18.2 13.2	146.6 151.6	5107 5107	
13N/05E-13E02M	109.0	10-05-66 10-26-66 11-30-66 12-28-66 1-27-67 2-27-67	62.3 65.4 58.4 57.9 56.6 56.2	46.7 43.6 50.6 51.1 52.4 52.8	5107 5050 5050 5050 5050 5050	13N/06E-19B01M	131.4	10-02-66 10-05-66 3-14-67	52.1 53.5 50.8	79.3 77.9 80.6	5050 5107 5107	
						13N/06E-30M01M	107.8	10-05-66 3-14-67	40.4 34.1	67.4 73.7	5107 5107	
						13N/06E-33C01M	142.0	10-05-66 3-08-67	{1}	118.2	5107 5107	
						13N/06E-33M01M	147.0	10-05-66 3-08-67	32.1	114.9	5107 5107	

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA						
PLACER COUNTY 5-21.07																	
13N/06E-33M02M	140.5	10-05-66 3-08-67	(1) 21.0	119.5	5107 5107	5N/05E-22B01M	12.0	10-04-66 3-06-67	20.1 17.5	-8.1 -5.5	5001 5001						
13N/06E-34P02M	168.0	10-05-66 3-14-67	3.7 1.3	164.3 166.7	5107 5107	5N/05E-25C01M	17.0	10-04-66 3-06-67	30.4 (9)	-13.4	5001 5001						
SACRAMENTO COUNTY 5-21.08																	
5N/05E-01D02M	25.0	10-05-66 3-07-67	65.0 52.4	-40.0 -27.4	5001 5001	5N/05E-02C01M	50.0	10-20-66 3-13-67	78.1 67.0	-28.1 -17.0	4202 4202						
5N/05E-04C01M	13.0	10-24-66 11-28-66 12-28-66 1-26-67 2-23-67 3-27-67 4-25-67 5-24-67 6-26-67 7-25-67 8-28-67 9-25-67	56.9 53.8 52.1 50.0 48.7 47.5 46.5 49.3 51.7 56.7 60.6 55.9	-43.9 -40.8 -39.1 -37.0 -35.7 -34.5 -33.5 -36.3 -38.7 -43.7 -47.6 -42.9	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	5N/05E-02M01M	51.0	10-06-66 3-08-67	77.4 71.1	-26.4 -20.1	5001 5001						
5N/05E-06B01M	7.5	10-05-66 3-10-67	29.7 25.5	-22.2 -18.0	5050 5050	5N/05E-04R02M	40.0	10-06-66 3-09-67	(1) 58.9	-18.9	5050 5050						
5N/05E-07G01M	8.0	10-04-66 3-07-67	14.9 11.4	-6.9 -3.4	5001 5001	5N/05E-06C01M	25.0	10-05-66 3-29-67	35.8 23.9	-10.8 1.1	5001 5001						
5N/05E-10Q01M	15.0	10-13-66 3-13-67	40.4 33.6	-25.4 -18.6	4202 4202	5N/05E-07Q02M	27.0	10-05-66 3-09-67	DRY (9)	5050 5050							
5N/05E-11B02M	21.8	10-05-66 3-07-67	55.0 36.4	-33.2 -14.6	5001 5001	5N/05E-08F01M	30.0	10-05-66 3-09-67	45.7 43.9	-15.7 -13.9	5050 5050						
5N/05E-11N01M	17.9	10-04-66 3-06-67	36.0 28.4	-18.1 -10.5	5001 5001	5N/05E-09M02M	36.0	10-05-66 3-09-67	57.9 56.7	-21.9 -20.7	5050 5050						
5N/05E-12N01M	12.0	10-05-66 3-10-67	(3) 11.4	0.6	5050 5050	5N/05E-10A01M	47.3	10-21-66 3-08-67	81.6 69.3	-34.3 -22.0	5050 5050						
5N/05E-17A01M	9.6	10-04-66 3-06-67	18.9 17.8	-9.3 -8.2	5001 5001	5N/05E-10P01M	41.3	10-19-66 3-13-67	84.9 74.6	-43.6 -33.3	5050 5050						
SACRAMENTO COUNTY 5-21.08																	
5N/05E-15C02M	45.0	10-06-66 3-08-67	82.0 76.9	-37.0 -31.9	5050 5050	5N/05E-12R01M	64.0	10-06-66 3-08-67	93.7 76.9	-29.3 -12.9	5001 5001						
5N/05E-15R02M	41.0	10-06-66 3-07-67	(1) 75.6	-34.6	5001 5001	5N/05E-13R01M	63.5	10-10-66 3-07-67	(1) 95.3	-31.8	5001 5001						
5N/05E-17J01M	32.5	10-04-66 3-07-67	69.7 63.9	-37.2 -31.4	5001 5001	5N/05E-14D01M	52.0	10-20-66 3-13-67	86.2 78.9	-34.2 -26.9	4202 4202						
5N/05E-19B01M	20.0	10-04-66 3-06-67	(4) 35.2	-21.4 -15.2	5001 5001	SACRAMENTO COUNTY 5-21.08											
5N/05E-21J03M	42.0	10-04-66 3-06-67	(4) 82.4	-76.2 -40.4	5001 5001	5N/05E-15C02M	24.0	3-06-67 3-13-67	44.9 44.7	-20.9 -20.7	5001 4202						
5N/05E-26D01M	51.3	10-19-66 3-13-67	87.0 74.7	-35.7 -23.4	5050 5050	5N/05E-31E03M	20.0	10-04-66 3-06-67	63.8 37.4	-43.8 -17.4	5001 5001						
5N/05E-26H01M	55.0	10-06-66 3-07-67	93.7 73.3	-38.7 -18.3	5001 5001	5N/05E-33H01M	38.5	10-04-66 3-06-67	81.5 54.5	-43.0 -16.0	5001 5001						
5N/05E-26K01M	50.0	10-25-66 11-29-66 12-28-66 1-26-67 2-23-67 3-28-67 4-26-67 5-25-67 6-27-67 7-26-67 8-29-67 9-26-67	82.5 76.5 74.9 73.8 71.2 69.8 65.9 63.9 76.8 84.0 84.0 80.6	-32.5 -26.5 -24.9 -23.8 -21.2 -19.8 -15.9 -15.9 -26.8 -34.0 -34.0 -30.6	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	5N/05E-33J01M	41.0	10-20-66 3-13-67	73.1 51.8	-32.1 -10.8	4202 4202						
5N/05E-27C01M	46.0	10-13-66 3-13-67	87.9 79.0	-41.9 -33.0	4202 4202	5N/05E-35M02M	53.0	10-04-66 3-06-67	75.0 52.9	-22.0 0.1	5001 5001						
5N/05E-29C01M	28.0	10-13-66 3-13-67	72.7 59.8	-44.7 -31.8	4202 4202	5N/05E-06A01M	65.0	10-06-66 3-08-67	80.8 71.6	-15.8 -6.6	5050 5050						
5N/05E-29H01M	32.6	10-05-66 3-06-67	82.4 66.1	-49.8 -33.5	5001 5001	5N/05E-07E02M	60.0	10-06-66 3-08-67	91.6 83.1	-31.6 -23.1	5001 5001						
5N/05E-30F01M	24.0	10-04-66 10-20-66	73.2 62.7	-49.2 -38.7	5001 4202	5N/05E-08Q01M	75.0	10-06-66 3-08-67	94.2 83.7	-19.2 -8.7	5050 5050						

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SACRAMENTO COUNTY 5-21.08											
5N/05E-15C02M	45.0	10-06-66 3-08-67	82.0 76.9	-37.0 -31.9	5050 5050	5N/05E-30E01M CONT.	24.0	3-06-67 3-13-67	44.9 44.7	-20.9 -20.7	5001 4202
5N/05E-15R02M	41.0	10-06-66 3-07-67	(1) 75.6	-34.6	5001 5001	5N/05E-31E03M	20.0	10-04-66 3-06-67	63.8 37.4	-43.8 -17.4	5001 5001
5N/05E-17J01M	32.5	10-04-66 3-07-67	69.7 63.9	-37.2 -31.4	5001 5001	5N/05E-33H01M	38.5	10-04-66 3-06-67	81.5 54.5	-43.0 -16.0	5001 5001
5N/05E-19B01M	20.0	10-04-66 3-06-67	(4) 35.2	-21.4 -15.2	5001 5001	5N/05E-33J01M	41.0	10-20-66 3-13-67	73.1 51.8	-32.1 -10.8	4202 4202
5N/05E-21J03M	42.0	10-04-66 3-06-67	(4) 82.4	-76.2 -40.4	5001 5001	5N/05E-35M02M	53.0	10-04-66 3-06-67	75.0 52.9	-22.0 0.1	5001 5001
5N/05E-26D01M	51.3	10-19-66 3-13-67	87.0 74.7	-35.7 -23.4	5050 5050	5N/05E-06A01M	65.0	10-06-66 3-08-67	80.8 71.6	-15.8 -6.6	5050 5050
5N/05E-26H01M	55.0	10-06-66 3-07-67	93.7 73.3	-38.7 -18.3	5001 5001	5N/05E-07E02M	60.0	10-06-66 3-08-67	91.6 83.1	-31.6 -23.1	5001 5001
5N/05E-26K01M	50.0	10-25-66 11-29-66 12-28-66 1-26-67 2-23-67 3-28-67 4-26-67 5-25-67 6-27-67 7-26-67 8-29-67 9-26-67	82.5 76.5 74.9 73.8 71.2 69.8 65.9 63.9 76.8 84.0 84.0 80.6	-32.5 -26.5 -24.9 -23.8 -21.2 -19.8 -15.9 -15.9 -26.8 -34.0 -34.0 -30.6	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	5N/05E-08Q01M	75.0	10-06-66 3-08-67	94.2 83.7	-19.2 -8.7	5050 5050
5N/05E-27C01M	46.0	10-13-66 3-13-67	87.9 79.0	-41.9 -33.0	4202 4202	5N/05E-07E01M	73.7	10-06-66 3-08-67	(1) 89.8	-16.1	5001 5001
5N/05E-29C01M	28.0	10-13-66 3-13-67	72.7 59.8	-44.7 -31.8	4202 4202	5N/05E-12E02M	127.2	10-06-66 3-08-67	118.5 (4) 124.5	8.7 2.7	5001 5001
5N/05E-29H01M	32.6	10-05-66 3-06-67	82.4 66.1	-49.8 -33.5	5001 5001	5N/05E-14N01M	91.5	10-06-66 3-07-67	(1) 88.7	2.8	5001 5001
5N/05E-30F01M	24.0	10-04-66 10-20-66	73.2 62.7	-49.2 -38.7	5001 4202	5N/05E-20G01M	76.7	10-06-66 3-07-67	118.4 88.3	-41.7 -11.6	5001 5001
SACRAMENTO COUNTY 5-21.08											
5N/05E-27C01M	46.0	10-13-66 3-13-67	87.9 79.0	-41.9 -33.0	4202 4202	5N/05E-23H01M	100.0	10-21-66 3-08-67	106.2 94.3	-6.2 5.7	5050 5050
5N/05E-29C01M	28.0	10-13-66 3-13-67	72.7 59.8	-44.7 -31.8	4202 4202	5N/05E-26J01M	91.0	10-06-66 3-07-67	106.8 88.5	-15.8 2.5	5001 5001
5N/05E-29H01M	32.6	10-05-66 3-06-67	82.4 66.1	-49.8 -33.5	5001 5001	5N/05E-28A01M	86.0	10-21-66 3-08-67	106.5 88.7	-20.5 -2.7	5050 5050

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SACRAMENTO COUNTY 5-21.08											
5N/07E-29K01M	71.0	10-06-66 3-07-67	94.8 75.6	-23.8 -4.6	5001 5001	6N/05E-15B01M	26.4	10-04-66 3-06-67	106.9 93.7	-80.5 -67.3	5001 5001
5N/07E-29K02M	71.0	10-06-66 3-07-67	(1) 79.6	-8.6	5001 5001	6N/05E-17F01M	16.0	10-04-66 3-06-67	63.4 58.4	-47.4 -42.4	5001 5001
5N/07E-30A01M	73.0	10-20-66 3-13-67	96.7 84.3	-23.7 -11.3	4202 4202	6N/05E-18G01M	13.9	3-06-67	45.3	-31.4	5001
5N/08E-08N01M	173.0	10-06-66 3-08-67	145.0 145.4	28.0 27.6	5001 5001	6N/05E-20A02M	16.3	10-04-66 3-06-67	(1) 70.5	-54.2	5001
6N/04E-24A01M	10.0	10-05-66 3-10-67	31.4 26.0	-21.4 -16.0	5050 5050	6N/05E-22C02M	23.0	10-05-66 3-07-67	93.5 84.3	-70.5 -61.3	5001 5001
6N/05E-01C01M	39.3	10-25-66 11-29-66 12-28-66 1-26-67 2-24-67 3-28-67 4-25-67 5-25-67 6-27-67 7-26-67 8-29-67 9-26-67	98.2 97.2 96.2 95.2 93.9 92.7 91.8 92.4 93.2 94.9 96.6 97.4	-58.9 -57.9 -56.9 -55.9 -54.6 -53.4 -52.5 -53.1 -53.9 -55.6 -57.3 -58.1	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	6N/05E-25B01M 6N/05E-28F01M 6N/05E-31A01M 6N/05E-32J01M 6N/05E-34C02M 6N/06E-01G01M 6N/06E-05J01M 6N/06E-07A01M 6N/06E-07M01M 6N/06E-08M01M	35.2 17.5 14.6 13.0 21.5 76.5 81.5 63.6 54.5 80.4 68.4 86.2 98.6 104.2 (1) 91.9	10-05-66 3-07-67 10-05-66 3-06-67 10-04-66 3-06-67 10-05-66 3-07-67 10-10-66 3-09-67 10-10-66 3-14-67 10-10-66 3-14-67 10-10-66 3-10-67 10-10-66 3-10-67	(1) 68.9 38.3 49.5 72.2 63.1 78.1 90.2 57.4 86.2 81.1 78.1 -31.7 -23.6 -52.6 -48.6 -62.2 -52.7 -41.4	5001 5001 5001 5001 5001 5001 5001 5001 5001 5001 5001 5001 5001 5001 5001 5001 5001	
6N/05E-01D01M	40.6	10-19-66 3-13-67	84.7 78.0	-44.1 -37.4	5050 5050	6N/06E-01G01M	76.5	10-10-66 3-09-67	68.4 63.1	8.1 13.4	5001 5001
6N/05E-04N01M	19.5	10-04-66 3-06-67	(1) 69.8	-50.3	5001 5001	6N/06E-05J01M	54.5	10-10-66 3-09-67	86.2 78.1	-31.7 -23.6	5001 5001
6N/05E-10B01M	34.5	10-04-66 3-06-67	(1) 95.4	-60.9	5001 5001	6N/06E-07A01M	50.0	10-13-66 3-14-67	98.6 90.2	-48.6 -40.2	4202 4202
6N/05E-10G01M	36.0	10-12-66 3-14-67	106.3 96.5	-70.3 -60.5	4202 4202	6N/06E-07M01M	42.0	10-10-66 3-10-67	104.2 94.7	-62.2 -52.7	5001 5001
6N/05E-12E01M	39.0	10-04-66 3-06-67	109.0 98.6	-70.0 -59.6	5001 5001	6N/06E-08M01M	50.5	10-10-66 3-10-67	(1) 91.9	-41.4	5001 5001
6N/05E-14J01M	32.5	10-05-66 3-07-67	102.0 91.8	-69.5 -59.3	5001 5001						

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SACRAMENTO COUNTY 5-21.08											
6N/06E-11J03M	65.0	10-10-66 3-09-67	60.8 58.8	4.2 6.2	5001 5001	6N/06E-33J02M	45.8	10-25-66 11-29-66 12-28-66 1-26-67 2-23-67 3-28-67 4-25-67 5-25-67 6-27-67 7-26-67 8-29-67 9-26-67	60.8 57.6 57.0 57.0 56.3 55.7 54.8 54.8 57.4 60.9 60.3 58.6	-15.0 -11.8 -11.2 -11.2 -10.5 -9.9 -9.0 -12.5 -11.6 -15.1 -14.5 -12.8	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
6N/06E-13R01M	62.0	10-10-66 3-09-67	(1) 62.9	-0.9	5001 5001	6N/06E-33L01M	35.6	10-19-66 3-13-67	56.3 45.6	-20.7 -10.0	5050 5050
6N/06E-16E01M	50.5	10-10-66 3-10-67	(1) 50.4	0.1	5001 5001	6N/06E-33001M	35.7	10-06-66 3-08-67	(3) 49.1	-13.4	5001
6N/06E-18F01M	43.5	10-05-66 3-07-67	(1) 91.7	-48.2	5001 5001	6N/06E-34P01M	46.9	10-06-66 3-08-67	(1) 61.9	-15.0	5001
6N/06E-18G01M	44.9	10-19-66 3-13-67	80.0 70.1	-35.1 -25.2	5050 5050	6N/06E-36K01M	61.0	10-07-66 3-08-67	85.6 (4)	-24.6	5001 5001
6N/06E-20D01M	45.0	10-05-66 3-07-67	69.2 62.7	-24.2 -17.7	5001 5001	6N/07E-04G01M	107.5	10-07-66 3-08-67	103.3 93.8	4.2 13.7	5001 5001
6N/06E-20P01M	39.0	10-05-66 3-08-67	56.8 45.7	-17.8 -6.7	5001 5001	6N/07E-06N01M	78.7	10-10-66 3-09-67	(1) 63.6	15.1	5001
6N/06E-22C01M	50.0	10-06-66 3-09-67	(1) 46.4	-10.1 3.6	5050 5050	6N/07E-08R01M	105.0	10-06-66 3-08-67	103.8 99.4	1.2 5.6	5050 5050
6N/06E-23C01M	52.0	10-10-66 3-09-67	(1) (2)	-7.8	5001 5001	6N/07E-11A02M	116.0	10-07-66 3-08-67	(1) 92.6	13.4	5001
6N/06E-24G01M	56.0	10-10-66 3-09-67	63.9 61.1	-7.9 -5.1	5001 5001	6N/07E-14A01M	110.0	10-07-66 3-08-67	(1) 91.7	18.3	5001
6N/06E-25Q01M	60.0	10-07-66 3-08-67	(3) 65.0	-15.4 -5.0	5001 5001	6N/07E-15K01M	107.0	10-07-66 3-08-67	108.0 95.8	-1.0 11.2	5001 5001
6N/06E-26D02M	47.0	10-06-66 3-09-67	51.6 50.7	-4.6 -3.7	5050 5050	6N/07E-19A01M	71.0	10-06-66 3-08-67	(1) 69.6	1.4	5050 5050
6N/06E-28C02M	40.0	10-06-66 3-09-67	56.9 44.1	-16.9 -14.1	5050 5050						
6N/06E-29K01M	33.0	10-06-66 3-09-67	54.4 38.3	-21.4 -5.3	5050 5050						
6N/06E-30N01M	32.0	10-05-66 3-07-67	(4) 53.0	-21.0	5001 5001						

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
SACRAMENTO COUNTY 5-21.08												
6N/07E-20P02M	77.0	10-07-66 (2)	100.4	-23.4	5001	7N/05E-01H02M CONT.	45.0	3-28-67	82.4	-37.4	5050	
6N/07E-20P03M	77.0	10-07-66 3-08-67	(1) 80.9	-3.9	5001		4-25-67	82.0	-37.0	5050		
6N/07E-25P02M	98.5	10-07-66 3-08-67	93.7 88.3	4.8 10.2	5001		5-25-67	81.2	-36.2	5050		
6N/07E-28F01M	71.0	10-25-66 11-29-66 12-27-66 1-26-67 2-24-67 3-28-67 4-25-67 5-25-67 6-27-67 7-26-67 8-29-67 9-26-67	77.6 74.4 73.2 72.2 70.9 70.2 69.7 74.7 77.0 81.0 81.1 78.5	-6.6 -3.4 -2.2 -1.2 0.1 0.8 1.3 -3.7 -6.0 -10.0 -10.1 -7.5	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050		7N/05E-01J01M	44.0	10-13-66 3-14-67	86.9 84.0	-42.9 -40.0	4202 4202
6N/07E-32P01M	69.0	10-21-66 3-08-67	80.8 72.4	-11.8 -3.4	5050 5050	7N/05E-04Q01M	21.4	10-19-66 3-13-67	62.8 58.9	-41.4 -37.5	5050	
6N/07E-33D02M	75.5	10-07-66 3-08-67 (4)	80.1 80.9	-4.6	5001 5001	7N/05E-05K02M	16.0	10-13-66 3-14-67	52.6 48.7	-36.6 -32.7	4202 4202	
6N/07E-34H01M	86.0	10-05-66 3-08-67	84.9 80.9	1.1 5.1	5050 5050	7N/05E-10F01M	27.0	10-06-66 3-06-67	71.1 74.1	-44.1 -47.1	5001 5001	
6N/08E-15J01M	214.0	10-05-66 3-08-67	(1) 125.0	89.0	5108	7N/05E-10M01M	26.5	10-19-66 3-13-67	69.1 66.9	-42.6 -40.4	5050 5050	
6N/08E-21P02M	155.0	10-05-66 3-08-67	122.8 123.2	32.2 31.8	5050 5050	7N/05E-12R02M	42.5	10-05-66 3-06-67	90.4 85.0	-47.9 -42.5	5108 5108	
7N/04E-11K01M	17.3	10-04-66 3-06-67 3-17-67	9.3 (9) 9.2	8.0 8.1	5108 5108 5050	7N/05E-15H01M	28.0	10-05-66 3-06-67 3-17-67	77.2 (2) 74.0	-49.2 -46.0	5108 5108	
7N/05E-01H02M	45.0	10-25-66 11-29-66 12-28-66 1-26-67 2-24-67	84.1 83.3 83.5 82.3 81.4	-39.1 -38.3 -38.5 -37.3 -36.4	5050 5050 5050 5050 5050	7N/05E-18C01M	12.0	10-04-66 3-06-67 3-20-67	(1) (9) 25.8	-13.8	5108	
						7N/05E-24H01M	39.0	10-13-66 3-14-67	91.2 86.1	-52.2 -47.1	4202 4202	
						7N/05E-26C01M	28.6	10-19-66 3-13-67	66.4 61.0	-37.8 -32.4	5050 5050	
						7N/05E-26P02M	30.0	10-05-66 3-06-67	(1) 83.3	-53.3	5108	
						7N/05E-28E01M	22.5	10-05-66 3-06-67	(1) 64.4	-41.9	5108	

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
SACRAMENTO COUNTY 5-21.08												
7N/05E-28P01M	24.0	10-20-66 3-14-67	76.4 72.3	-52.4 -48.3	4202 4202	7N/06E-20J01M	57.0	10-05-66 3-07-67	93.9 83.8	-36.9 -29.8	5108 5108	
7N/05E-29D01M	17.0	10-05-66 3-06-67	(1) 50.3	-33.3	5108	7N/06E-22C02M	60.0	10-20-66 3-14-67	87.2 77.5	-27.2 -17.5	4202 4202	
7N/05E-32K01M	19.5	10-24-66 11-28-66 12-28-66 1-26-67 2-23-67 3-27-67 4-25-67 5-24-67 6-26-67 7-25-67 8-28-67 9-25-67	63.2 62.7 62.3 62.1 61.1 60.4 59.8 59.5 60.2 60.9 61.9 62.3	-43.7 -43.2 -42.8 -42.6 -41.6 -40.9 -40.3 -40.0 -40.7 -41.4 -42.4 -42.8	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050		7N/06E-22R02M	70.0	10-05-66 3-07-67	(8) 75.5	-5.5	5108
7N/05E-34L01M	29.0	10-05-66 3-06-67	99.1 88.2	-70.1 -59.2	5108 5108	7N/06E-25B01M	84.0	10-10-66 3-10-67	75.8 63.7	8.2 20.3	5001 5001	
7N/05E-36A01M	38.5	10-05-66 3-06-67	(1) 87.8	-49.3	5108 5108	7N/06E-28N01M	59.0	10-20-66 3-14-67	93.5 84.9	-34.5 -25.9	4202 4202	
7N/06E-08H01M	58.5	10-05-66 3-07-67 3-20-67	88.7 (9) 86.4	-30.2 -27.9	5108 5108 5050	7N/06E-32P01M	50.5	10-05-66 3-07-67 (3)	(1) 78.4	-27.9	5108	
7N/06E-09J01M	69.0	10-05-66 3-07-67	87.8 85.5	-18.8 -16.5	5108 5108	7N/06E-33J01M	63.0	10-05-66 3-09-67	79.9 68.6	-16.9 -5.6	5050 5050	
7N/06E-10M01M	82.0	10-13-66 3-14-67	105.0 98.8	-23.0 -16.8	4202 4202	7N/06E-34H01M	70.6	10-10-66 3-10-67	62.9 57.5	7.7 13.1	5001 5001	
7N/06E-12A01M	115.0	10-05-66 3-07-67	(1) 89.1	25.9	5108 5108	7N/06E-35Q01M	62.1	10-10-66 3-10-67	(1) 40.3	21.8	5001	
7N/06E-14Q01M	90.0	10-05-66 3-07-67 3-20-67	(1) (9) 87.1	2.9	5108 5108 5050	7N/06E-35R01M	61.8	10-10-66 3-10-67	45.2 40.4	16.6 21.4	5001 5001	
7N/06E-15N01M	64.0	10-05-66 3-07-67	(1) 80.6	-16.6	5108 5108	7N/06E-36N01M	81.4	10-10-66 3-09-67 (3)	65.9 60.4	15.5 21.0	5001 5001	
						7N/07E-02C01M	102.5	10-10-66 3-09-67	43.3 33.0	59.2 69.5	5001 5001	
						7N/07E-03B01M	100.0	10-10-66 3-07-67	42.6 36.7	57.4 63.3	5001 5001	
						7N/07E-04J01M	133.5	10-10-66 3-09-67	83.0 78.8	50.5 56.7	5001 5001	
						7N/07E-04P01M	174.1	10-10-66 3-09-67	138.2 125.2	35.9 48.9	5001 5001	

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
SACRAMENTO COUNTY 5-21.08												
7N/07E-07N01M	100.0	10-10-66 10-25-66 11-29-66 12-27-66 1-26-67 2-24-67 3-09-67 3-28-67 4-26-67 5-25-67 6-27-67 7-26-67 8-29-67 9-26-67	DRY DRY 79.3 78.1 76.9 75.4 76.1 74.7 74.2 DRY 79.6 DRY DRY DRY	20.7 21.9 23.1 24.6 23.9 25.3 25.8 5050 5050 5050 5050 5050 5050 5050 5050 5050	5001 5050 5050 5050 5001 5050 5001 5050 5050 5050 5050 5050 5050 5050 5050		7N/07E-27B01M	107.0	10-07-66 3-08-67	92.4 79.0	14.6 28.0	5001 5001
7N/07E-10K01M	98.0	10-10-66 3-09-67	48.7 43.2	49.3 54.8	5001 5001	7N/07E-27P01M	100.0	10-07-66 3-08-67	81.4 72.2	18.6 27.8	5001 5001	
7N/07E-14L01M	127.6	10-07-66 3-09-67	83.6 81.6	44.0 46.0	5001 5001	7N/07E-29B01M	85.0	10-07-66 3-09-67	53.4 49.1	31.6 35.9	5001 5001	
7N/07E-14L02M	126.0	10-07-66 3-09-67 (4)	84.0 81.9	42.0 44.1	5001 5001	7N/07E-29B02M	85.0	10-07-66 3-09-67	70.0 61.0	15.0 24.0	5001 5001	
7N/07E-17G02M	101.5	10-10-66 3-09-67	(1) 63.9	37.6	5001	7N/07E-31F01M	85.1	10-10-66 3-09-67	73.4 63.0	11.7 22.1	5001 5001	
7N/07E-17N01M	81.4	10-10-66 (4) 3-10-67	54.9 43.5	26.5 37.9	5001 5001	7N/07E-32A01M	75.0	10-10-66 3-09-67	DRY 38.8	36.2	5001 5001	
7N/07E-20C01M	81.0	10-10-66 3-10-67	51.0 42.2	30.0 38.8	5001 5001	7N/07E-34D01M	97.4	10-07-66 3-08-67	82.8 77.6	14.6 19.8	5001 5001	
7N/07E-20H01M	80.5	10-10-66 3-10-67	42.3 43.3	38.2 37.2	5001 5001	7N/07E-35K01M	156.0	10-07-66 3-08-67	128.4 127.3	27.6 28.7	5001 5001	
7N/07E-22E01M	109.6	10-07-66 3-09-67	81.6 74.5	28.0 35.1	5001 5001	7N/08E-02L01M	198.0	10-05-66 3-08-67	18.8 9.0	179.2 189.0	5108 5108	
7N/07E-24K01M	131.0	10-07-66 3-09-67	DRY 83.5	47.5	5001	7N/08E-06N01M	117.5	10-07-66 3-09-67	(1) 27.4	90.1	5001	
7N/07E-24K02M	130.0	3-09-67	88.5	41.5	5001	7N/08E-13A01M	260.0	10-05-66 3-08-67	14.7 11.7	245.3 248.3	5108 5108	
						7N/08E-26H01M	190.0	10-05-66 3-08-67	16.9 15.5	173.1 174.5	5108 5108	
						7N/08E-36B01M	185.0	10-05-66 3-08-67	8.2 4.4	176.8 180.6	5108 5108	
						8N/04E-01G01M	18.3	10-07-66 3-10-67	22.9 15.4	-4.6 2.9	5050 5050	
						8N/04E-11P01M	17.0	10-04-66 3-06-67	15.9 12.0	1.1 5.0	5108 5108	

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
SACRAMENTO COUNTY 5-21.08												
8N/04E-13K01M	23.0	10-04-66 3-06-67	31.0 26.7	-8.0 -3.7	5108 5108	8N/05E-15E01M CONT.	37.0	5-25-67 6-27-67 7-26-67 8-29-67 9-26-67	44.6 44.4 44.7 45.2 45.5	-7.6 -7.4 -7.7 -8.2 -8.5	5050 5050 5050 5050 5050	
8N/04E-24M01M	25.0	10-27-66 11-30-66 12-28-66 1-26-67 2-24-67 3-28-67 4-28-67 5-25-67 6-29-67 7-26-67 8-31-67 9-26-67	37.1 36.3 34.7 34.1 32.7 32.2 31.5 31.9 32.1 32.7 33.5 33.8	-12.1 -11.3 -9.7 -9.1 -7.7 -7.2 -6.5 -6.9 -7.1 -7.5 -8.5 -8.8	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050		8N/05E-18K01M	19.9	10-19-66 3-13-67	42.4 30.6	-22.5 -10.7	5050 5050
						8N/05E-18Q01M	24.7	10-19-66 3-13-67	43.8 37.9	-19.1 -13.2	5050 5050	
						8N/05E-21H02M	39.5	10-05-66 3-06-67	58.0 56.6	-18.5 -17.1	5108 5108	
						8N/05E-23H01M	42.0	10-06-66	(5)		5050	
						8N/05E-24M02M	44.0	10-05-66 3-06-67	66.9 63.8	-22.9 -19.8	5108 5108	
						8N/05E-30A01M	27.3	10-19-66 3-13-67	64.9 51.9	-37.6 -24.6	5050 5050	
						8N/05E-31E01M	18.0	10-04-66 3-06-67	41.0 39.1	-23.0 -21.1	5108 5108	
						8N/05E-32D01M	27.4	10-19-66	(0)		5050	
						8N/05E-32R01M	21.7	10-19-66 3-13-67	61.5 55.5	-39.8 -33.8	5050 5050	
						8N/05E-33J01M	26.0	10-06-66 3-09-67	67.9 64.2	-41.9 -38.2	5050 5050	
						8N/05E-34C01M	30.5	10-05-66 3-06-67	68.4 65.5	-37.9 -35.0	5108 5108	
						8N/06E-05P01M	58.0	10-07-66 3-09-67	49.1 44.2	8.9 13.8	5108 5108	
						8N/06E-06E03M	65.0	10-05-66 3-05-67	70.0 63.0	-5.0 2.0	4400 4400	
						8N/06E-06F01M	60.0	10-05-66 3-05-67	68.0 60.0	-8.0 0.0	4400 4400	

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
SACRAMENTO COUNTY 5-21.08												
8N/06E-08F01M	57.8	10-06-66 3-09-67	51.9 46.2	5.9 11.6	5050 5050	8N/06E-31F01M	51.0	10-06-66 3-08-67	83.3 79.3	-32.3 -28.3	5108 5108	
8N/06E-09Q02M	75.7	10-07-66 3-09-67	64.9 60.9	10.8 14.8	5108 5108	8N/06E-33N01M	64.7	10-06-66 3-08-67	88.9 83.7	-24.2 -19.0	5108 5108	
8N/06E-11B01M	90.1	10-07-66 3-07-67	73.0 62.0	17.1 28.1	5108 5108	8N/06E-34R01M	106.4	10-06-66 3-08-67	(1) 107.2	-0.8	5108 5108	
8N/06E-15P01M	72.1	10-06-66 10-25-66 11-29-66 12-27-66 1-26-67 2-24-67 3-07-67 3-28-67 4-26-67 5-25-67 6-27-67 7-26-67 8-29-67 9-26-67	62.0 60.9 58.0 57.1 56.5 55.6 55.5 55.2 54.9 57.5 59.3 61.3 62.1 61.2	10.1 11.2 14.1 15.0 15.6 16.5 16.6 16.9 17.2 14.6 11.8 10.8 10.0 10.9	5108 5050 5050 5050 5050 5050 5108 5050 5050 5050 5050 5050 5050 5050 5050	8N/07E-02N01M	257.6	10-07-66 3-07-67	137.7 137.5	119.9 120.1	5108 5108	
8N/07E-09N01M						8N/07E-14C01M	189.6	10-07-66 3-20-67	(8) 115.3	74.3	5108	
8N/07E-18E01M						8N/07E-18E01M	254.2	10-06-66 3-08-67	(3) 146.1	107.6 108.1	5108 5108	
8N/07E-31J01M						8N/07E-31J01M	125.5	10-07-66 3-08-67	(4) 96.0	97.7 96.0	27.8 29.5	5050 5050
8N/07E-33E01M						8N/07E-33E01M	145.3	10-06-66 3-08-67	(9) 90.0	90.0 55.3	5108 5108	
8N/07E-33E01M						9N/03E-02D01M	23.0	10-11-66 3-14-67 3-20-67	16.4 (9) 1.6	6.6 5108 21.4	5108 5108 5050	
9N/04E-01R01M						9N/04E-01R01M	19.5	10-11-66 3-14-67	20.2 17.7	-0.7 1.8	5108	
9N/04E-08L01M						9N/04E-08L01M	24.0	10-11-66 3-14-67	18.3 14.1	5.7 9.9	5108	
9N/04E-09B01M						9N/04E-09B01M	20.0	10-11-66 3-14-67	12.5 11.2	7.5 8.8	5108 5108	
9N/04E-11E01M						9N/04E-11E01M	21.0	10-07-66 3-07-67	22.5 17.8	-1.5 3.2	5050 5050	
8N/06E-20R01M	57.4	10-06-66 3-08-67	71.6 63.5	-14.2 -6.1	5108 5108							
8N/06E-21N02M	65.0	10-06-66 10-13-66 3-09-67 3-14-67	73.9 73.6 65.8 65.6	-8.9 -8.6 -0.8 -0.6	5050 4202 5050 4202							
8N/06E-25J02M	141.0	10-03-66 3-07-67	115.4 114.8	25.6 26.2	5050 5050							
8N/06E-26K01M	123.0	10-06-66 3-08-67	118.5 104.5	4.5 18.5	5108 5108							
8N/06E-27H02M	93.7	10-06-66 3-08-67	92.0 77.3	1.7 16.4	5108 5108							
8N/06E-27N01M	79.0	10-06-66 3-08-67	96.7 93.7	-17.7 -14.7	5108 5108							
8N/06E-30C01M	50.0	10-05-66 3-08-67	(1) 69.9	-19.9	5108 5108							

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SACRAMENTO COUNTY 5-21.08											
9N/04E-22E01M	12.0	10-26-66 11-30-66 12-28-66	9.5 8.1 5.9	2.5 3.9 6.1	5050 5050 5050	9N/05E-18R01M	31.0	10-10-66 3-13-67	35.5 29.1	-4.5 1.9	5108 5108
9N/04E-22E01M		1-26-67 2-27-67 3-28-67 4-26-67 5-25-67 6-27-67 7-26-67 8-29-67 9-26-67	2.6 2.6 2.1 0.9 4.0 5.1 4.0 6.3 5.5	9.4 9.4 9.9 11.1 8.0 6.9 8.0 5.7 6.5	5050 5050 5050 5050 5050 5050 5050 5050 5050	9N/05E-21M01M	34.0	10-25-66 11-29-66 12-28-66 1-26-67 2-24-67 3-28-67 4-26-67 5-25-67 6-27-67 7-26-67 8-29-67 9-26-67	46.1 45.3 44.6 43.9 43.1 42.1 41.3 41.6 41.8 42.9 44.2 44.6	-12.1 -11.3 -10.6 -9.9 -9.1 -8.1 -7.3 -7.6 -7.8 -8.9 -10.2 -10.6	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
9N/04E-23R01M	15.0	10-10-66 3-13-67	16.9 7.9	-1.9 7.1	5108 5108	9N/05E-22A01M	52.0	10-05-66 3-05-67	68.0 61.0	-16.0 -9.0	4400 4400
9N/04E-27F01M	24.0	10-10-66 3-13-67	23.2 15.2	0.8 8.8	5108 5108	9N/05E-22G02M	51.0	10-19-66 3-13-66	69.7 65.5	-18.7 -14.5	5050 5050
9N/04E-36D01M	21.6	10-10-66 3-13-67	20.7 11.5	0.9 10.1	5108 5108	9N/05E-22L01M	51.0	10-05-66 3-05-67	73.0 68.0	-22.0 -17.0	4400 4400
9N/05E-07D01M	20.0	10-11-66 3-14-67	22.1 16.2	-2.1 3.8	5108 5108	9N/05E-23A01M	65.0	3-05-67	75.0	-10.0	4400
9N/05E-08J01M	35.0	10-03-66 3-07-67	44.5 40.3	-9.5 -5.3	5050 5050	9N/05E-23F01M	59.0	3-05-67	69.0	-10.0	4400
9N/05E-10G01M	57.0	10-10-66 3-01-67	(4) 64.5	-7.5	5108 5108	9N/05E-23H01M	63.0	3-05-67	73.0	-10.0	4400
9N/05E-13G03M	80.0	10-05-66 3-05-67	98.0 90.0	-18.0 -10.0	4400 4400	9N/05E-23L01M	60.0	3-05-67	70.0	-10.0	4400
9N/05E-13J01M	80.0	3-05-67	81.0	-1.0	4400	9N/05E-23L02M	57.0	3-05-67	67.0	-10.0	4400
9N/05E-13L02M	72.0	10-05-66 3-05-67	79.0 74.0	-7.0 -2.0	4400 4400	9N/05E-24A03M	72.0	10-05-66 3-05-67	89.0 80.0	-17.0 -8.0	4400 4400
9N/05E-14H03M	64.0	10-19-66 3-13-67	(1) (4)		5050 5050	9N/05E-25C01M	68.0	10-05-66 3-05-67	90.0 79.0	-22.0 -11.0	4400 4400
9N/05E-14K02M	66.0	10-05-66 3-05-67	82.0 76.0	-16.0 -10.0	4400 4400	9N/05E-25E02M	45.0	10-05-66 3-05-67	64.0 58.0	-19.0 -13.0	4400 4400

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
SACRAMENTO COUNTY 5-21.08												
9N/05E-25Q01M	63.3	10-07-66 10-25-66 11-29-66 12-27-66 1-26-67 2-24-67 3-09-67 3-28-67 4-26-67 5-26-67 6-29-67 7-27-67 8-30-67 9-27-67	70.7 70.5 69.4 67.7 67.2 66.3 66.1 65.7 64.9 66.9 68.3 70.1 71.6 71.2	-7.4 -7.2 -6.1 -4.4 -3.9 -3.0 -2.8 -2.4 -1.6 -3.6 -5.0 -6.8 -8.3 -7.9	5108 5050 5050 5050 5050 5050 5108 5050 5050 5050 5050 5050 5050 5050 5050		9N/05E-35Q01M	49.0	10-05-66 3-05-67	61.0 54.0	-12.0 -5.0	4400 4400
						9N/06E-02P01M	160.0	10-10-66 3-10-67	(1) 119.7	5108 5108		
						9N/06E-05M01M	112.0	10-10-66 3-13-67	99.5 96.7	12.5 15.3	5108 5108	
						9N/06E-07N01M	69.0	10-05-66 3-05-67	83.0 71.0	-14.0 -2.0	4400 4400	
						9N/06E-09P01M	135.5	10-07-66 3-10-67	115.2 109.6	20.3 25.9	5108 5108	
						9N/06E-12Q01M	205.5	10-10-66 3-10-67	23.6 23.1	181.9 182.4	5108 5108	
						9N/06E-17G01M	120.0	10-07-66 3-10-67	112.5 105.0	7.5 15.0	5108 5108	
						9N/06E-19E01M	78.0	10-05-66 3-05-67	99.0 87.0	-21.0 -9.0	4400 4400	
						9N/06E-19K01M	86.0	10-05-66 3-05-67	97.0 85.0	-11.0 1.0	4400 4400	
						9N/06E-19R01M	81.0	3-05-67	76.0	5.0	4400	
						9N/06E-20D01M	78.0	10-05-66 3-05-67	84.0 75.0	-6.0 3.0	4400 4400	
						9N/06E-20N02M	92.0	10-05-66 3-05-67	88.0 78.0	4.0 14.0	4400 4400	
						9N/06E-24K02M	113.0	10-07-66 3-09-67	57.2 52.8	55.8 60.2	5108 5108	
						9N/06E-26C01M	96.3	10-07-66 3-09-67	(4) 49.2 46.7	47.1 49.6	5108 5108	
						9N/06E-27D01M	71.0	10-07-66 3-09-67	(9) 34.0	37.0	5108 5108	

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SACRAMENTO COUNTY 5-21.08											
9N/06E-28K01M	113.1	10-07-66 3-09-67	(9) 74.6	38.5	5108 5108	9N/07E-27Q01M	224.1	10-07-66 3-09-67	42.4 36.4	181.7 187.7	5108 5108
9N/06E-30C01M	75.0	10-05-66 3-05-67	84.0 74.0	-9.0 1.0	4400 4400	9N/07E-31G01M	133.3	10-03-66 3-07-67	(3) 59.3	74.0	5050 5050
9N/06E-30N01M	66.0	3-05-67	73.0	-7.0	4400	10N/03E-35A01M	18.9	10-11-66 3-14-67	8.4 2.7	10.5 16.2	5108 5108
9N/06E-30Q01M	82.0	3-05-67	88.0	-6.0	4400	10N/04E-13P01M	25.0	10-11-66 3-14-67	(1) 19.7	5.3	5108 5108
9N/06E-31J01M	71.2	10-05-66 3-05-67	80.0 70.0	-8.8 1.2	4400 4400	10N/04E-15F01M	14.0	10-11-66 3-14-67 3-20-67	4.0 (9) 1.0	10.0 13.0	5108 5050
9N/06E-32D02M	90.0	10-05-66 3-05-67	107.0 96.0	-17.0 -6.0	4400 4400	10N/04E-18A01M	23.0	10-11-66 3-14-67	8.6 6.0	14.4 17.0	5108 5108
9N/06E-32L01M	52.6	10-07-66 3-07-67	46.6 39.8	6.0 12.8	5108 5108	10N/04E-19P01M	21.0	10-11-66 3-14-67	6.5 3.5	14.5 17.5	5108 5108
9N/06E-33F01M	60.0	10-05-66 3-05-67	53.0 50.0	7.0 10.0	4400 4400	10N/04E-21B02M	16.0	10-11-66 3-14-67	5.9 3.6	10.1 12.4	5108 5108
9N/06E-33R01M	73.2	10-07-66 3-09-67	(3) 44.1 40.4	29.1 32.8	5108 5108	10N/04E-23A01M	15.0	10-11-66 3-15-67	11.9 5.8	3.1 9.2	5108 5108
9N/06E-34R01M	96.3	11-04-66 3-10-67	63.8 61.2	32.5 35.1	5050 5050	10N/04E-24B01M	22.0	10-11-66 3-14-67	(1) 17.9	4.1	5108 5108
9N/06E-36J01M	115.4	10-07-66 3-09-67	{4} {4}		5108 5108	10N/04E-31A01M	15.0	10-11-66 3-14-67	4.5 1.8	10.5 13.2	5108 5108
9N/07E-07F01M	204.2	10-10-66 3-10-67	151.4 147.8	52.8 56.4	5108 5108	10N/04E-32N01M	13.0	10-03-66 3-07-67	(5) {0}		5050 5050
9N/07E-09A01M	192.0	10-10-66 3-10-67	{9}	119.9	5108	10N/04E-34A01M	25.0	10-11-66 10-26-66 11-29-66 12-28-66 1-26-67 2-27-67	10.8 12.0 12.1 10.3 10.5 10.2	14.2 13.0 12.9 14.7 14.5 14.8	5108 5050 5050 5050 5050 5050
9N/07E-12L01M	290.0	10-07-66 3-09-67	47.0 46.0	243.0 244.0	5108 5108						
9N/07E-16Q01M	144.5	10-07-66 3-09-67 3-29-67	{1} {1} 31.7	5108 5108 112.8	5108 5108 5050						

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SACRAMENTO COUNTY 5-21.08											
10N/04E-34A01M CONT.	25.0	3-14-67 3-28-67 4-26-67 5-25-67 6-27-67 7-26-67 8-29-67	10.9 9.4 8.4 10.4 8.1 8.1 (6)	14.1 15.6 16.6 14.6 16.9 16.9 5050	5108 5050 5050 5050 5050 5050 5050	10N/05E-30L01M	36.0	10-11-66 3-15-67 3-20-67	36.6 (8) 31.8	-0.6 4.2	5108 5050
10N/04E-34A02M	25.0	9-07-67 9-26-67	8.9 9.5	16.1 15.5	5050 5050	10N/05E-32Q02M	39.0	10-03-66 3-07-67	40.7 37.6	-1.7 1.4	5050 5050
10N/04E-36B01M	37.0	9-07-67	30.3	6.7	5050	10N/05E-34M01M	47.0	10-11-66 3-15-67	50.0 48.9	-3.0 -1.9	5108 5108
10N/04E-36C01M	14.0	10-11-66 3-14-67	9.6 (6)	4.4	5108 5108	10N/05E-36J01M	105.0	10-05-66 3-05-67	108.0 99.0	-3.0 6.0	4400 4400
10N/05E-07M03M	34.8	10-11-66 3-15-67	52.1 49.1	-17.3 -14.3	5108 5108	10N/05E-36K01M	92.0	10-05-66 3-05-67	100.0 95.0	-8.0 -3.0	4400 4400
10N/05E-14Q01M	86.0	10-11-66 3-15-67	89.4 71.4	-3.4 14.6	5108 5108	10N/05E-36Q02M	86.0	10-05-66 3-05-67	90.0 84.0	-4.0 2.0	4400 4400
10N/05E-15P01M	67.5	10-11-66 10-25-66 11-29-66 12-28-66 1-26-67 2-24-67 3-15-67 3-28-67 4-26-67 5-25-67 6-27-67 7-26-67 8-29-67 9-26-67	67.8 68.0 67.1 66.4 66.0 65.2 65.2 64.6 64.3 64.9 65.7 67.0 68.1 68.5	-0.3 -0.5 0.4 1.1 1.5 2.3 2.3 2.9 3.2 2.6 1.8 0.5 -0.6 -1.0	5108 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	10N/06E-19K01M	150.5	10-13-66 3-15-67	145.6 140.6	4.9 9.9	5108 5108
10N/05E-17N02M	51.0	10-11-66 3-15-67	55.9 52.3	-4.9 -1.3	5108 5108	10N/06E-21F02M	158.5	10-13-66 3-15-67	134.8 132.3	23.7 26.2	5108 5108
10N/05E-25H01M	100.0	10-05-66 3-05-67	106.0 101.0	-6.0 -1.0	4400 4400	10N/06E-22C01M	170.0	10-13-66 3-20-67	{2} 137.3	32.7	5050
10N/05E-26B01M	81.0	10-11-66 3-15-67	DRY 71.8		5108 5108	10N/06E-22N01M	140.0	10-19-66 3-13-67	85.5 85.1	54.5 54.9	5050 5050
						10N/06E-24J01M	185.0	10-10-66 3-13-67	146.2 145.9	38.8 39.1	5108 5108
						10N/06E-25N01M	155.0	10-10-66 3-13-67	114.6 111.3	40.4 43.7	5108 5108
						10N/06E-30L01M	115.0	10-05-66 3-05-67	101.0 92.0	14.0 23.0	4400 4400

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SACRAMENTO COUNTY 5-21.08											
10N/06E-31L01M	111.0	10-05-66 3-05-67	115.0 104.0	-4.0 7.0	4400 4400	6N/03E-12R01M	2.5	10-24-66 3-12-67	5.8 3.2	-3.3 -0.7	5104 5104
10N/06E-33K01M	120.0	10-10-66 10-25-66 11-29-66 12-28-66 1-26-67 2-24-67 3-13-67 3-28-67 4-26-67 5-25-67 6-27-67 7-26-67 8-29-67 9-26-67	106.0 103.8 102.0 98.0 97.1 96.5 96.5 96.8 97.2 96.5 103.8 107.7 111.8 111.7 108.0	14.0 16.2 18.0 22.0 22.9 23.5 23.5 23.2 22.8 23.5 16.2 12.3 8.2 8.3 12.0	5108 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	6N/03E-15B01M	4.0	10-24-66 3-12-67	3.5 2.6	0.5 1.4	5104 5104
10N/07E-20D01M	210.0	10-10-66 3-20-67	117.1 116.1	92.9 93.9	5108 5050	6N/03E-23P01M	4.9	10-24-66 3-12-67	5.7 2.2	-0.8 2.7	5104 5104
10N/07E-20E01M	211.0	10-10-66 2-14-67 4-05-67	{7} 31.4 (6)	179.6	5108 5050 5050	7N/03E-04Q01M	19.0	10-24-66 3-12-67	42.8 18.1	-23.8 0.9	5104 5104
10N/07E-21H01M	230.0	10-10-66 2-14-67 3-07-67	{7} 6.9 7.2	223.1 222.8	5108 5050	7N/03E-08J01M	17.0	10-07-66 3-10-67	37.5 29.6	-20.5 -12.6	5050 5050
10N/07E-28C01M	210.2	10-10-66 3-13-67	102.4 102.0	107.8 108.2	5108 5108	7N/03E-17F01M	16.0	10-07-66 3-10-67	27.8 24.9	-11.8 -8.9	5050 5050
10N/07E-29G01M	216.0	10-10-66 3-10-67	109.0 108.3	107.0 107.7	5108 5108	7N/03E-19N01M	21.0	10-11-66 3-13-67	42.6 30.8	-21.6 -9.8	5001 5001
10N/07E-32N01M	215.0	10-10-66 3-10-67	152.8 150.8	62.2 64.2	5108 5108	7N/03E-30Q01M	17.0	10-11-66 3-10-67	16.3 14.7	0.7 2.3	5001 5001
						8N/01E-01J02M	65.0	10-24-66 3-04-67	70.0 37.6	-5.0 27.4	5104 5104
						8N/01E-02B01M	77.0	10-05-66 3-06-67	{1}	26.4	50.6 5001
						8N/01E-04A01M	97.0	10-05-66 3-06-67	39.0 34.2	58.0 62.8	5001 5001
						8N/01E-04Q02M	95.0	10-20-66 3-05-67	{1}	26.7	68.3 5104
						8N/01E-05A01M	115.0	10-05-66 3-06-67	69.7 (1)	45.3	5001 5001

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
YOLO COUNTY 5-21.09											
8N/01E-05C01M	101.0	10-05-66 3-06-67	29.5 24.8	71.5 76.2	5001 5001	8N/01E-15B01M	85.0	10-20-66 10-27-66 11-29-66 12-31-66 1-30-67 2-28-67 3-28-67 4-28-67 5-27-67 6-29-67 7-28-67 8-31-67 9-28-67	32.1 32.1 32.6 31.8 30.7 28.4 28.2 27.1 25.8 25.3 22.8 19.7 18.6 19.6	52.9 52.9 52.4 53.2 54.3 56.6 56.8 57.9 59.2 59.7 62.4 65.3 66.4 65.4	5104 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
8N/01E-07B02M	107.0	10-05-66 10-20-66 3-05-67	42.7 41.2 27.2	64.3 65.8 79.8	5001 5104 5104	8N/01E-16B01M	93.5	10-06-66 3-07-67	59.2 34.9	34.3 58.6	5001 5001
8N/01E-08M03M	100.0	10-26-66 3-05-67	DRY 25.1	74.9	5104	8N/01E-16D01M	94.0	10-20-66 3-05-67	50.4 (3)	43.6	5104 5104
8N/01E-09E01M	97.0	10-20-66 3-05-67	47.2 32.0	49.8 65.0	5104	8N/01E-17D01M	102.0	10-20-66 3-05-67	42.0 (3)	60.0	5104 5104
8N/01E-09R01M	90.5	10-27-66 11-29-66 12-31-66 1-30-67 2-28-67 3-28-67 4-28-67 5-27-67 6-29-67 7-28-67 8-31-67 9-28-67	44.2 40.6 38.2 34.4 31.6 30.9 28.8 47.0 50.0 61.5 60.8 50.7	46.3 49.9 52.3 56.1 58.9 59.6 61.7 43.5 40.5 29.0 29.7 39.8	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	8N/01E-17F01M	101.1	10-06-66 3-07-67	41.2 30.4	59.9 70.7	5001 5001
8N/01E-10M01M	91.3	10-20-66 3-05-67	58.3 30.9	33.0 60.4	5104	8N/01E-18J02M	104.0	10-20-66 3-05-67	43.8 32.9	60.2 71.1	5104 5104
8N/01E-11F01M	78.0	10-20-66 3-05-67	51.6 37.6	26.4 40.4	5104	8N/02E-01K01M	34.0	10-05-66 3-06-67	73.5 31.8	-39.5 2.2	5001 5001
8N/01E-12D01M	70.0	10-20-66 3-05-67	56.9 35.2	13.1 34.8	5104	8N/02E-02M01M	41.0	10-05-66 3-06-67	72.6 34.9	-31.6 6.1	5001 5001
8N/01E-12R03M	64.0	10-05-66 3-06-67	66.8 48.2	-2.8 15.8	5001	8N/02E-04E01M	52.0	10-05-66 3-06-67	70.4 40.7	-18.4 11.3	5001 5001
8N/01E-14P01M	79.0	10-20-66 3-05-67	52.4 35.9	26.6 43.1	5104	8N/02E-08R03M	55.0	10-05-66 4-03-67	75.7 41.8	-20.7 13.2	5001 5001

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
YOLO COUNTY 5-21.09											
8N/02E-09A01M	43.0	10-24-66 3-04-67	63.3 40.2	-20.3 2.8	5104	8N/03E-19D01M	37.0	10-10-66 10-24-66 3-08-67 3-12-67	53.3 (1) 30.8 30.6	-16.3 6.2 6.4	5001 5104 5001 5104
8N/02E-13B06M	36.5	10-10-66 3-08-67	55.3 32.4	-18.8 4.1	5001	8N/03E-20R01M	22.0	10-07-66 3-10-67	34.3 14.6	-12.3 7.4	5050 5050
8N/02E-15M02M	52.7	10-05-66 (1) 3-09-67	96.8 54.8	-44.1 -2.1	5001	8N/03E-28H01M	20.0	10-24-66 3-12-67	23.3 9.1	-3.3 10.9	5104
8N/02E-16M01M	58.0	10-05-66 3-07-67	74.9 49.4	-16.9 8.6	5001	8N/03E-31N01M	32.0	10-10-66 10-24-66 3-08-67 3-12-67	77.3 72.8 44.5 45.7	-45.3 -40.8 -12.5 -13.7	5001 5104 5001 5104
8N/02E-16N01M	60.0	10-20-66 3-04-67	82.0 52.8	-22.0 7.2	5104	8N/03E-32G01M	21.0	10-07-66 3-10-67	29.8 24.6	-8.8 -3.6	5050 5050
8N/02E-17M01M	59.0	10-05-66 3-07-67	68.2 45.4	-9.2 13.6	5001	8N/03E-32L01M	25.0	10-07-66 3-10-67	71.6 27.8	-46.6 -2.8	5050 5050
8N/02E-19B01M	65.0	10-05-66 3-07-67	58.7 47.5	6.3 17.5	5001	8N/01W-02K01M	130.0	10-20-66 3-05-67	44.1 30.4	85.9 99.6	5104 5104
8N/03E-03Q01M	14.0	10-24-66 3-12-67	13.5 (9)	0.5	5104	8N/01W-03D03M	163.0	10-04-66 3-06-67	68.8 55.5	94.2 107.5	5001 5001
8N/03E-05Q01M	20.0	10-24-66 3-12-67	(4) (4)		5104	8N/01W-01W	130.0	10-20-66 3-05-67	44.1 30.4	85.9 99.6	5104 5104
8N/03E-07B01M	25.0	10-24-66 3-12-67	41.6 21.5	-16.6 3.5	5104	8N/01W-09C01M	163.0	10-20-66 3-05-67	64.2 60.3	98.8 102.7	5104 5104
8N/03E-07M01M	32.4	10-27-66 11-30-66 12-31-66 1-30-67 2-28-67 3-31-67 4-28-67	48.3 30.0 34.5 30.9 30.0 25.4 24.8	-15.9 -6.6 -2.1 1.5 2.4 7.0 7.6	5050 5050 5050 5050 5050 5050 5050	8N/01W-10A02M	135.0	10-04-66 3-06-67	71.2 43.9	63.8 91.1	5001 5001
8N/03E-15D01M	14.0	10-07-66 3-10-67	23.3 9.3	-9.3 4.7	5050	8N/01W-10E01M	139.0	10-04-66 3-06-67	58.3 48.6	80.7 90.4	5001 5001
						8N/01W-11K02M	125.0	10-20-66 3-05-67	50.3 36.7	74.7 88.3	5104 5104
						8N/01W-12D01M	122.0	10-20-66 3-05-67	48.1 33.9	73.9 88.1	5104 5104
						8N/01W-13F01M	114.0	10-05-66 3-07-67	51.0 33.2	63.0 80.8	5001 5001

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
YOLO COUNTY 5-21.09											
8N/01W-13G03M	113.0	10-20-66 3-05-67	33.4 35.6	79.6 77.4	5104 5104	8N/01W-31K01M	157.0	10-03-66 3-06-67	39.0 34.1	118.0 122.9	5001 5001
8N/01W-14Q01M	120.0	10-20-66 3-05-67	51.4 38.2	68.6 81.8	5104 5104	8N/01W-32C01M	147.0	10-03-66 3-06-67	50.8 43.1	96.2 103.9	5001 5001
8N/01W-16R02M	128.0	10-04-66 10-20-66 3-05-67 3-06-67	(1) 60.0 47.4 46.4	68.0 80.6 79.6	5001 5104 5104 5004	9N/01E-01L01M	74.0	10-23-66 3-06-67	60.6 44.3	13.4 29.7	5104 5104
8N/01W-20R02M	149.0	10-03-66 3-06-67	74.5 56.3	74.5 92.7	5001 5001	9N/01E-01R01M	71.0	10-18-66 3-04-67	59.3 (4)	11.7	5104 5104
8N/01W-20R05M	147.0	10-20-66 3-05-67	72.8 55.5	74.2 91.5	5104 5104	9N/01E-02A01M	84.0	10-23-66 3-06-67	74.8 57.9	9.2 26.1	5104 5104
8N/01W-21N01M	145.0	10-03-66 3-06-67	70.9 59.1	74.1 85.9	5001 5001	9N/01E-02N01M	87.0	10-23-66 3-07-67	60.4 49.6	26.6 37.4	5104 5104
8N/01W-22G02M	126.5	10-04-66 3-07-67	52.2 39.5	74.3 87.0	5001 5001	9N/01E-03A02M	91.0	10-23-66 3-06-67	(1) 61.1	29.9	5104 5104
8N/01W-22L01M	128.0	10-04-66 3-09-67	43.4 46.9	84.6 81.1	5001 5001	9N/01E-03C03M	96.0	10-23-66 3-06-67	63.7 49.4	32.3 46.6	5104 5104
8N/01W-28B01M	139.0	10-04-66 3-06-67	62.4 (3) 48.8	76.6 90.2	5001 5001	9N/01E-05E01M	116.0	10-29-66 2-20-67 3-06-67	(4) 8.7 8.7	107.3 5050 107.3	5104 5104
8N/01W-28B02M	139.0	10-04-66 3-06-67	61.3 46.5	77.7 92.5	5001 5001	9N/01E-06D01M	125.0	10-24-66 3-06-67	{4}	107.3	5104
8N/01W-28N01M	142.0	10-05-66 3-06-67	55.4 (4) 48.0	86.6 94.0	5001 5001	9N/01E-07D01M	121.0	10-23-66 3-07-67	23.5 13.7	97.5 107.3	5104 5104
8N/01W-29M01M	155.0	10-03-66 3-06-67	74.1 55.5	80.9 99.5	5001 5001	9N/01E-08D01M	116.0	10-23-66 3-07-67	10.3 3.5	105.7 112.5	5104 5104
8N/01W-31H01M	153.0	10-03-66 3-06-67	37.0 34.7	116.0 118.3	5001 5001	9N/01E-12A01M	70.0	10-18-66 3-04-67	63.1 46.0	6.9 24.0	5104 5104
8N/01W-31J03M	144.7	10-03-66 3-06-67	26.2 24.7	118.5 120.0	5001 5001	9N/01E-12M01M	81.0	10-18-66 3-07-66	(1) 40.5	40.5	5104 5104

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
YOLO COUNTY 5-21.09											
9N/01E-12Q01M	71.0	10-18-66 3-07-67	54.7 48.1	16.3 22.9	5104 5104	9N/02E-07L01M	66.0	10-18-66 3-04-67	53.7 43.1	12.3 22.9	5104 5104
9N/01E-16A01M	92.0	10-07-66 3-10-67	18.0 13.9	74.0 78.1	5050 5050	9N/02E-09B01M	53.0	10-18-66 3-04-67	48.6 34.1	4.4 18.9	5104 5104
9N/01E-17D01M	109.0	10-23-66 3-07-67	22.2 13.5	86.8 95.5	5104 5104	9N/02E-10D01M	46.0	10-18-66 3-04-67	38.0 23.3	8.0 22.7	5104 5104
9N/01E-20E01M	112.0	10-20-66 3-07-67	19.6 13.9	92.4 98.1	5104 5104	9N/02E-11D01M	34.0	10-18-66 3-04-67	17.6 11.1	16.4 22.9	5104 5104
9N/01E-22A02M	78.0	10-20-66 3-07-67	17.3 15.4	60.7 62.6	5104 5104	9N/02E-12J01M	25.0	10-18-66 3-04-67	5.4 (5)	19.6	5104
9N/01E-22B01M	86.0	10-20-66 3-07-67	19.6 17.6	66.4 68.4	5104 5104	9N/02E-16E01M	53.0	10-18-66 3-04-67	45.5 27.5	7.5 25.5	5104 5104
9N/01E-24D01M	67.0	10-20-66 3-07-67	35.1 24.4	31.9 42.6	5104 5104	9N/02E-16N01M	52.0	10-27-66 11-30-66 12-31-66 1-30-67 2-28-67 3-30-67 4-28-67 5-27-67 6-29-67 7-28-67 8-31-67 9-28-67	42.8 38.0 34.3 26.7 24.6 23.3 21.3 45.1 55.3 62.8 67.6 44.7	9.2 14.0 17.7 25.3 27.4 28.7 30.7 6.9 -3.3 -10.8 -11.6 7.3	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
9N/01E-26N01M	77.0	10-20-66 3-07-67	21.8 14.4	55.2 62.6	5104 5104	9N/02E-17M01M	65.0	10-18-66 3-07-67	56.6 36.0	8.4 29.0	5104 5104
9N/01E-27Q01M	87.0	10-20-66 3-07-67	26.7 21.5	60.3 65.5	5104 5104	9N/02E-20M01M	61.0	10-18-66 3-07-67	49.1 30.9	11.9 30.1	5104 5104
9N/01E-28M01M	102.0	10-20-66 3-07-67	13.3 14.6	88.7 87.4	5104 5104	9N/02E-21L01M	51.0	10-18-66 3-04-67	58.6 28.6	-7.6 22.4	5104 5104
9N/01E-31D01M	116.0	10-07-66 3-10-67	20.5 15.7	95.5 100.3	5050 5050	9N/02E-23D01M	43.0	10-18-66 3-04-67	{4}	{4}	5104 5104
9N/01E-31K02M	111.0	10-05-66 3-06-67	42.8 26.4	68.2 84.6	5001 5001	9N/02E-29Q03M	50.0	10-18-66 3-04-67	(1) 32.7	17.3	5104 5104
9N/02E-05C01M	68.0	10-18-66 3-04-67	46.1 41.0	21.9 27.0	5104 5104						
9N/02E-07A01M	72.0	10-18-66 3-04-67	66.2 48.7	15.8 23.3	5104 5104						
9N/02E-07K01M	70.0	10-18-66 3-04-67	60.9 48.8	9.1 21.2	5104 5104						

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
YOLO COUNTY 5-21.09											
9N/02E-31D01M	65.0	10-18-66 3-04-67	57.7 35.5	7.3 29.5	5104 5104	9N/01W-08Q01M	190.0	10-24-66 3-06-67	17.4 16.7	172.6 173.3	5104 5104
9N/02E-33H01M	47.0	10-18-66 3-04-67	64.5 33.0	-17.5 14.0	5104 5104	9N/01W-09K01M	168.0	10-24-66 3-06-67	15.7 9.1	152.3 158.9	5104 5104
9N/02E-35E01M	34.0	10-18-66 3-04-67	52.6 21.5	-18.6 12.5	5104 5104	9N/01W-09P01M	182.0	10-24-66 3-06-67	20.4 15.5	161.6 166.5	5104 5104
9N/03E-07D01M	25.0	10-18-66 3-04-67	17.0 10.8	8.0 14.2	5104 5104	9N/01W-11K01M	138.0	10-23-66 3-07-67	16.0 12.1	122.0 125.9	5104 5104
9N/03E-11N09M	13.0	10-24-66 3-12-67	8.5 4.3	4.5 8.7	5104 5104	9N/01W-15D01M	164.0	10-23-66 3-07-67	22.0 16.3	142.0 147.7	5104 5104
9N/03E-30G01M	22.0	10-18-66 3-04-67	15.9 3.7	6.1 18.3	5104 5104	9N/01W-16N01M	180.0	8-09-67	5.3	174.7	5050
9N/04E-32G01M	12.0	10-27-66 11-30-66 12-31-66 1-30-67 2-28-67 3-30-67 4-28-67 5-27-67 6-29-67 7-28-67 8-31-67 9-28-67	12.8 9.1 7.3 4.1 4.9 4.6 3.8 6.4 7.6 10.4 9.4 8.7	-0.8 2.9 4.7 7.9 7.1 7.4 8.2 5.6 4.4 1.6 2.6 3.3	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	9N/01W-21E01M 9N/01W-24G01M 9N/01W-27B01M 9N/01W-29J01M 9N/01W-33J01M	170.0 125.0 149.0 182.0 169.0	8-09-67 10-20-66 3-07-67 10-07-66 3-10-67 10-20-66 3-07-67	6.3 11.8 10.1 24.0 35.2 47.8 54.3 46.4 45.0 43.2 40.6 39.1 41.6 38.0 36.3 47.5 (1) 51.1 47.2 38.5	163.7 113.2 114.9 125.0 146.8 121.2 129.0 98.7 96.6 99.8 102.4 103.9 101.4 105.0 106.7 95.5 91.9 95.8 104.5	5050 5050
9N/01W-02Q02M	136.0	10-23-66 3-07-67	28.2 15.6	107.8 120.4	5104 5104	9N/01W-35M01M	143.0	10-20-66 10-27-66 11-29-66 12-31-66 1-30-67 2-28-67 3-07-67	54.3 46.4 45.0 43.2 40.6 39.1 38.0	88.7 96.6 98.0 99.8 102.4 103.9 105.0	5104 5050 5050 5050 5050 5050 5050
9N/01W-03B01M	148.0	10-24-66 3-06-67	21.4 12.9	126.6 135.1	5104 5104	9N/01W-03N01M	163.0	10-23-66 3-07-67	29.7 20.9	133.3 142.1	5104 5104
9N/01W-05B01M	185.0	10-24-66 3-06-67	16.6 12.1	168.4 172.9	5104 5104	9N/01W-07R01M	210.0	10-24-66 3-06-67	29.9 29.2	180.1 180.8	5104 5104

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
YOLO COUNTY 5-21.09											
9N/01W-36G03M	119.5	10-20-66 3-07-67	(9) 22.7	96.8	5104 5104	10N/01E-23G01M	92.0	10-22-66 3-06-67	76.3 44.2	47.8 15.7	5104
9N/02W-01A01M	218.0	10-24-66 3-06-67	28.7 28.6	189.3 189.4	5104 5104	10N/01E-23Q02M	87.0	10-22-66 3-06-67	82.2 55.2	4.8 31.8	5104
10N/01E-01N01M	73.0	10-23-66 3-06-67	64.8 45.2	8.2 27.8	5104 5104	10N/01E-24E01M	83.0	10-22-66 3-06-67	72.8 54.1	10.2 28.9	5104
10N/01E-02Q02M	72.5	10-23-66 3-06-67	69.7 45.2	2.8 27.3	5104 5104	10N/01E-26E03M	97.0	10-22-66 3-06-67	85.2 63.3	11.8 33.7	5104
10N/01E-03E01M	79.0	10-23-66 3-06-67	(9) 60.5	18.5	5104 5104	10N/01E-27P01M	100.0	10-22-66 3-06-67	90.0 57.7	10.0 42.3	5104
10N/01E-07D01M	205.0	10-22-66 3-03-67	46.8 45.4	158.2 159.6	5104 5104	10N/01E-28K01M	109.0	10-22-66 3-06-67	46.5 31.0	62.5 78.0	5104
10N/01E-10G01M	84.0	10-23-66 3-06-67	86.2 57.3	-2.2 26.7	5104 5104	10N/01E-29K01M	110.0	10-22-66 3-06-67	21.0 13.7	89.0 96.3	5104
10N/01E-13L01M	82.0	10-22-66 3-06-67	80.5 55.0	1.5 27.0	5104 5104	10N/01E-30L01M	125.0	10-24-66 3-06-67	20.1 13.4	104.9 111.6	5104
10N/01E-14K01M	91.0	10-23-66 3-06-67	80.7 53.6	10.3 37.4	5104 5104	10N/01E-31E01M	128.0	10-24-66 3-06-67	25.7 15.2	102.3 112.8	5104
10N/01E-15D01M	93.0	10-23-66 3-06-67	79.0 59.5	14.0 33.5	5104 5104	10N/01E-32F01M	124.0	10-24-66 3-06-67	27.8 22.2	96.2 101.8	5104
10N/01E-15F02M	87.0	10-23-66 3-06-67	83.1 55.4	3.9 31.6	5104 5104	10N/01E-33A01M	120.0	10-22-66 10-23-66	(9) (0)	32.5 (0)	5104 5050
10N/01E-15R01M	94.0	10-23-66 3-06-67	(4) (4)		5104 5104	10N/01E-33P01M	130.0	10-23-66 3-06-67	72.5 57.7	57.5 72.3	5104 5104
10N/01E-18C01M	185.0	10-22-66 3-03-67	56.0 54.5	129.0 130.5	5104 5104	10N/01E-34A03M	100.0	10-22-66 3-06-67	86.8 66.8	13.2 33.2	5104 5104
10N/01E-19K01M	120.0	10-22-66 3-03-67	7.8 7.0	112.2 113.0	5104 5104	10N/01E-34C01M	113.2	10-27-66 11-30-66 12-31-66 1-30-67 2-28-67	80.7 79.6 77.4 74.2 69.9	32.5 33.6 35.8 39.0 43.3	5050 5050 5050 5050 5050
10N/01E-22P01M	100.0	10-22-66 4-05-67	(3) (0)		5104 5050						

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
YOLO COUNTY 5-21-09											
10N/01E-34C01M CONT.	113.2	3-30-67	66.6	46.6	5104	10N/02E-09N01M	63.0	10-20-66	64.2	-1.2	5104
		4-28-67	63.8	49.4	5050		3-04-67	39.4	23.6		5104
		5-31-67	65.1	48.1	5050	10N/02E-09P01M	60.0	10-20-66	(9)		5104
		6-29-67	67.5	45.7	5050		2-07-67	(0)			5050
		7-28-67	71.9	41.3	5050	10N/02E-10R01M	47.0	10-20-66	44.7	2.3	5104
		8-28-67	75.4	37.8	5050		3-04-67	23.2	23.8		5104
		9-27-67	75.9	37.3	5050	10N/02E-12R01M	35.0	10-20-66	39.2	-4.2	5104
10N/01E-36Q02M	85.0	10-18-66	73.0	12.0	5104	10N/02E-14E01M	36.0	10-20-66	16.2	19.8	5104
		3-04-67	47.3	37.7	5104		3-04-67	8.1	27.9		5104
10N/02E-01P02M	30.0	10-20-66	28.9	1.1	5104	10N/02E-14G01M	32.0	10-27-66	20.4	11.6	5050
		3-04-67	9.5	20.5	5104		11-30-66	13.7	13.3		5050
10N/02E-03R01M	36.0	10-20-66	{2}		5104		12-31-66	13.5	18.5		5050
		3-04-67	{2}		5104		1-30-67	7.2	24.8		5050
10N/02E-04R01M	44.0	10-20-66	40.3	3.7	5104		2-28-67	6.3	25.7		5050
		3-04-67	20.5	23.5	5104		3-30-67	5.7	26.3		5050
10N/02E-05M02M	64.5	10-23-66	57.4	7.1	5104		4-28-67	4.2	27.7		5050
		3-06-67	39.9	24.6	5104		5-27-67	9.6	22.4		5050
10N/02E-06B01M	65.0	10-23-66	63.5	1.5	5104		6-29-67	14.7	17.3		5050
		3-06-67	44.6	20.4	5104		7-28-67	20.2	11.8		5050
10N/02E-06M01M	72.0	10-23-66	68.0	4.0	5104		8-31-67	18.9	13.1		5050
		3-06-67	54.0	18.0	5104		9-28-67	16.7	15.3		5050
10N/02E-07B01M	74.0	10-23-66	{3}		5104	10N/02E-15N01M	45.0	10-20-66	48.1	-3.1	5104
		4-05-67	{0}		5050		3-04-67	26.1	18.9		5104
10N/02E-08D02M	67.0	10-23-66	58.0	9.0	5104	10N/02E-18M01M	74.0	10-22-66	64.6	9.4	5104
		3-04-67	41.2	25.8	5104		3-07-67	49.1	24.9		5104
10N/02E-08E01M	67.0	10-23-66	59.5	7.5	5104	10N/02E-20E01M	62.0	10-23-66	44.7	17.3	5104
		3-04-67	42.3	24.7	5104		3-04-67	36.5	25.5		5104
10N/02E-08Q01M	63.0	10-20-66	55.5	7.5	5104	10N/02E-20N01M	65.0	10-23-66	54.4	10.6	5104
		3-04-67	(7)		5104		3-04-67	38.2	26.8		5104
10N/02E-09M02M	53.6	10-20-66	{9}		5104	10N/02E-21M02M	52.0	10-20-66	31.5	20.5	5104
		2-07-67	{0}		5050		3-04-67	33.1	18.9		5104

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
YOLO COUNTY 5-21-09											
10N/02E-24B01M	29.0	10-20-66	28.3	0.7	5104	10N/01W-09F02M	171.0	10-22-66	49.0	122.0	5104
		3-04-67	9.2	19.8	5104	10N/01W-14B01M	153.0	10-20-66	21.9	131.1	5104
10N/02E-26Q01M	32.0	10-18-66	33.3	-1.3	5104		3-03-67	21.7	131.3		5104
10N/02E-30E01M	74.0	10-22-66	53.2	20.8	5104	10N/01W-15A01M	155.0	10-22-66	32.6	122.4	5104
		3-07-67	(8)		5104	10N/01W-15B01M	153.0	10-22-66	32.1	120.9	5104
10N/02E-31M01M	77.0	10-18-66	43.5	33.5	5104		3-03-67	23.8	129.2		5104
		(4)			5104	10N/01W-15P01M	160.0	10-22-66	40.3	119.7	5104
10N/02E-33R01M	52.0	10-18-66	43.7	8.3	5104		3-03-67	25.1	134.9		5104
		3-04-67	30.4	21.6	5104	10N/01W-16J01M	164.5	10-22-66	(6)		5104
10N/02E-34M01M	54.0	10-18-66	51.5	2.5	5104	10N/01W-17N01M	180.0	10-22-66	60.3	119.7	5104
		3-04-67	30.3	23.7	5104	10N/01W-18A01M	179.0	8-02-67	38.9	140.1	5050
10N/03E-14C01M	25.0	10-07-66	15.7	9.3	5050	10N/01W-18E01M	188.0	10-22-66	65.6	122.4	5104
		3-10-67	9.5	15.5	5050		3-03-67	28.0	160.0		5104
10N/03E-30A01M	24.0	10-07-66	23.0	1.0	5050	10N/01W-19Q04M	188.0	10-22-66	59.5	128.5	5104
		3-10-67	7.4	16.6	5050		3-03-67	37.2	150.8		5104
10N/03E-32E01M	21.0	10-07-66	20.0	1.0	5050	10N/01W-20R01M	163.0	10-22-66	42.8	120.2	5104
		4.9			5050	10N/01W-21G01M	163.0	10-22-66	43.8	119.2	5104
10N/03E-33B01M	22.0	10-07-66	14.8	7.2	5050	10N/01W-21J01M	160.0	10-22-66	43.8	116.2	5104
		7.6			5050	10N/01W-21Q04M	188.0	10-22-66	22.1	137.9	5104
10N/01W-04B01M	178.0	10-22-66	51.0	127.0	5104	10N/01W-22P01M	141.0	10-24-66	28.5	112.5	5104
		3-03-67	38.8	139.2	5104		3-06-67	17.0	124.0		5104
10N/01W-05E01M	185.0	10-22-66	66.9	118.1	5104	10N/01W-24L02M	137.0	10-22-66	20.2	116.8	5104
		3-03-67	46.7	138.3	5104		3-03-67	13.3	123.7		5104
10N/01W-06A01M	189.0	10-22-66	{3}		5104						
		3-03-67	48.8	140.2	5104						
10N/01W-06D01M	205.0	10-07-66	83.7	121.3	5050						
		62.2			5050						
10N/01W-08B01M	176.0	10-22-66	58.1	117.9	5104						
		35.3			5104						

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
YOLO COUNTY 5-21.09											
10N/01W-26D03M	147.0	10-24-66 3-06-67	33.9 18.6	113.1 128.4	5104 5104	10N/02W-14A01M	200.0	10-21-66 3-03-67	83.5 61.2	116.5 138.8	5104 5104
10N/01W-27F01M	147.0	10-22-66 3-03-67	32.7 14.2	114.3 132.8	5104 5104	10N/02W-15R01M	213.0	10-21-66 3-03-67	19.8 18.0	193.2 195.0	5104 5104
10N/01W-27N01M	150.0	10-27-66 11-29-66 12-31-66 1-30-67 2-28-67 3-30-67 4-28-67 5-27-67 6-29-67 7-28-67 8-31-67 9-28-67	30.8 28.9 24.6 17.9 14.5 12.7 10.4 13.5 23.9 20.6 25.0 24.0	119.2 121.1 125.4 132.1 135.5 137.3 139.6 136.5 126.1 129.4 125.0 126.0	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	10N/02W-16R01M 10N/02W-17J01M 10N/02W-21G01M 10N/02W-25C01M 10N/02W-25D01M 10N/02W-28J01M 10N/02W-35A01M 10N/02W-36A01M 11N/01E-03E01M 11N/01E-06P01M 11N/01E-06R02M 11N/01E-08B01M 11N/01E-09F01M	229.0 254.0 239.0 224.0 232.0 365.0 250.0 191.0 36.0 40.0 35.0 41.0 46.0	10-21-66 3-03-67 10-21-66 3-03-67 10-07-66 3-10-67 10-22-66 3-03-67 10-22-66 3-03-67 10-17-66 3-06-67 10-17-66 3-06-67 10-17-66 3-07-67	14.7 11.5 15.2 (1) (1) 87.7 51.1 11.8 53.6 64.4 24.9 25.9 44.7	214.3 242.5 223.8 215.9 185.4 277.3 198.9 179.2 -17.6 -24.4 10.1 15.1 1.3	5104 5104 5104 5104 5050 5050 5104 5104 5001 5001 5001 5001 5001 5001
10N/01W-27F01M	146.0	10-24-66 3-03-67	30.1 13.7	115.9 132.3	5104 5104	10N/02W-28J01M	365.0	10-22-66 3-03-67	87.7 80.0	277.3 285.0	5104 5104
10N/01W-29M01M	173.0	10-22-66 3-03-67	15.8 (?)	157.2	5104 5104	10N/02W-35A01M	250.0	10-22-66 3-03-67	45.0	205.0	5104
10N/01W-30K01M	181.0	10-22-66 3-03-67	30.8 10.9	150.2 170.1	5104 5104	10N/02W-36A01M	191.0	10-22-66 3-03-67	17.4	179.2	5104
10N/01W-32B01M	180.0	10-22-66 3-03-67	20.4 11.7	159.6 168.3	5104 5104	11N/01E-03E01M	36.0	10-17-66 3-07-67	-17.6 (8)	18.6	5001
10N/01W-32E01M	188.0	10-24-66 3-06-67	31.6 15.3	156.4 172.7	5104 5104	11N/01E-06P01M	40.0	10-17-66 3-06-67	24.1	15.9	5001
10N/01W-33F01M	165.0	10-24-66 3-06-67	28.8 17.9	136.2 147.1	5104 5104	11N/01E-06R02M	35.0	10-17-66 3-06-67	21.0	14.0	5001
10N/01W-36B02M	131.0	10-24-66 3-06-67	24.7 13.4	106.3 117.6	5104 5104	11N/01E-08B01M	41.0	10-17-66 3-06-67	(4)	15.1	5001
10N/02W-01M02M	225.0	8-02-67	86.0	139.0	5050	11N/01E-09F01M	46.0	10-17-66 3-07-67	25.2	20.8	5001
10N/02W-12D01M	210.0	10-21-66 3-03-67 5-01-67	DRY 66.7 60.3	143.3 149.7	5104 5050 5050						

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
YOLO COUNTY 5-21.09											
11N/01E-09P01M	47.5	10-17-66 3-07-67	47.1 27.9	0.4 19.6	5001 5001	11N/01E-22D01M	45.0	10-17-66 3-07-67	33.6 28.4	11.4 16.6	5001 5001
11N/01E-09R01M	39.0	10-17-66 3-07-67	29.3 19.0	9.7 20.0	5001 5001	11N/01E-22F01M	58.5	10-17-66 3-07-67	40.3 41.2	18.2 17.3	5001 5001
11N/01E-12Q01M	35.5	10-18-66 3-07-67	(1) (4)		5001 5001	11N/01E-23C01M	46.6	10-17-66 3-07-67	55.7 30.7	-9.1 15.9	5001
11N/01E-14E01M	39.0	10-17-66 3-07-67	52.9 18.9	-13.9 20.1	5001 5001	11N/01E-23P01M	56.0	10-17-66 3-07-67	73.5 37.6	-17.5 18.4	5001 5001
11N/01E-15C01M	42.0	10-17-66 3-07-67	53.7 22.3	-11.7 19.7	5001 5001	11N/01E-23Q02M	53.0	10-17-66 3-07-67	71.0 (5)	-18.0	5001
11N/01E-16J01M	46.0	10-17-66 3-07-67	36.8 30.2	9.2 15.8	5001 5001	11N/01E-24P03M	46.0	10-17-66 3-07-67	50.4 27.0	-4.4 19.0	5001 5001
11N/01E-17F01M	50.5	10-17-66 3-07-67	51.4 29.4	-0.9 21.1	5001 5001	11N/01E-25E01M	48.0	10-17-66 3-07-67	35.2 30.8	12.8 17.2	5001 5001
11N/01E-18B01M	52.5	10-12-66 3-07-67	44.6 31.6	7.9 20.9	5001 5001	11N/01E-25R01M	55.0	10-18-66 3-07-67	53.9 34.6	1.1 20.4	5001 5001
11N/01E-19A02M	57.0	10-17-66 3-07-67	51.3 31.0	5.7 26.0	5001 5001	11N/01E-26N01M	66.0	10-18-66 3-07-67	56.3 46.7	9.7 19.3	5001 5001
11N/01E-21Q01M	55.0	10-17-66 10-27-66 11-30-66 12-31-66 1-30-67 2-28-67 3-07-67 3-30-67 4-28-67 5-27-67 6-29-67 7-28-67 8-31-67 9-28-67	35.1 35.1 35.2 34.2 30.6 25.7 25.4 24.9 24.9 23.6 23.8 24.2 (7) 26.0	19.9 19.9 19.8 20.8 24.4 29.3 29.6 30.1 30.8 31.4 31.2 30.8 (8)	5001 5050 5050 5050 5050 5050 5001 5050 5050 5050 5050 5050 5050 5001 5050	11N/01E-26N02M 11N/01E-27A01M 11N/01E-27N02M 11N/01E-35J01M 11N/02E-16R01M	66.0 65.0 63.0 58.0 35.0	10-18-66 10-17-66 10-17-66 10-18-66 8-11-67	53.7 77.1 81.1 61.3 18.3	12.3 45.2 43.5 36.4 16.7	5001 5001 5001 5001 5050
11N/01E-22B02M	43.0	10-17-66 3-07-67	(7) (8)		5001 5001						

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
YOLO COUNTY 5-21.09												
11N/02E-18E01M	34.0	10-27-66 11-30-66 12-31-66 1-30-67 2-28-67 3-30-67 4-28-67 5-27-67 6-29-67 7-28-67 8-31-67 9-28-67	10-27-66 11-30-66 12-31-66 1-30-67 2-28-67 3-30-67 4-28-67 5-27-67 6-29-67 7-28-67 8-31-67 9-28-67	26.1 25.1 22.9 10.1 14.2 14.5 12.6 11.8 13.3 16.0 18.7 19.9	7.9 8.9 11.1 23.9 19.8 19.5 21.4 22.2 20.7 18.0 15.3 14.1	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	11N/01W-34P01M	195.0	10-07-66 3-10-67	19.1 17.7	175.9 177.3	5050 5050
11N/02E-18F02M	40.0	10-18-66 3-07-67	(1) 20.2	19.8	5001 5001	11N/02W-23A01M	292.0	10-07-66 3-10-67	68.0 68.3	224.0 223.7	5050 5050	
11N/02E-18N01M	40.0	10-18-66 3-07-67	50.1 23.7	-10.1 16.3	5001 5001	11N/02W-24A01M	250.0	10-07-66 3-10-67	28.7 28.3	221.3 221.7	5050 5050	
11N/02E-20K04M	50.0	8-04-67	69.5	-19.5	5050	11N/02W-26A01M	275.0	10-21-66 3-03-67	74.7 71.8	200.3 203.2	5104 5104	
11N/02E-23M01M	29.0	10-12-66 3-06-67	18.3 7.4	10.7 21.6	5001 5001	11N/02W-26J01M	274.0	10-21-66 3-03-67	86.1 81.2	187.9 192.8	5104 5104	
11N/02E-27E04M	37.0	10-18-66 3-06-67	31.6 14.9	5.4 22.1	5001 5001	11N/02W-35E01M	305.0	10-21-66 3-03-67	128.8 117.2	176.2 187.8	5104 5104	
11N/02E-29A01M	44.0	10-18-66 3-07-67	45.6 24.7	-1.6 19.3	5001 5001	12N/01E-10H01M	25.6	10-12-66 3-06-67	6.0 5.5	19.6 20.1	5001 5001	
11N/02E-29N01M	52.0	10-18-66 3-07-67	52.0 34.0	0.0 18.0	5001 5001	12N/01E-15Q01M	20.7	10-12-66 3-06-67	20.3 7.2	0.4 13.5	5001 5001	
11N/02E-33N01M	43.0	10-18-66 3-06-67	29.3 22.1	13.7 20.9	5001 5001	12N/01E-25A01M	26.0	10-12-66 3-06-67	(1) 4.2	21.8	5001 5001	
11N/02E-35E01M	32.0	8-11-67	27.6	4.4	5050	12N/01W-01G01M	35.0	10-12-66 3-06-67	20.5 14.6	14.5 20.4	5001 5001	
11N/01W-01F01M	46.0	10-12-66	(6)		5001	12N/01W-05B01M	137.9	10-12-66 10-27-66 11-29-66 12-31-66 1-30-67 2-28-67	122.0 121.9 122.3 119.6 116.8 115.8	15.9 16.0 15.6 18.3 21.1 22.1	5001 5050 5050 5050 5050 5050	
11N/01W-28D01M	222.0	10-07-66 3-10-67	24.1 22.6	197.9 199.4	5050 5050	12N/01W-28D01M	222.0 212.7 200.7 190.5	10-07-66 7-28-67 8-31-67 9-28-67	22.1 14.2 17.2 17.4	5050 5050 5050 5050		
11N/01W-30D01M	237.0	10-07-66 3-10-67	39.4 39.3	197.6 197.7	5050 5050							

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
YOLO COUNTY 5-21.09											
12N/01W-06J01M	165.0	10-12-66 3-06-67	151.9 135.3	13.1 29.7	5001 5001	10N/02W-07A01M	280.0	10-21-66 3-03-67	16.3 15.2	263.7 264.8	5104 5104
12N/01W-09E01M	110.2	10-12-66 3-06-67	102.8 86.7	7.4 23.5	5001 5001	10N/02W-18F01M	334.0	10-21-66 3-03-67	22.6 17.8	311.4 316.2	5104 5104
12N/01W-09R01M	79.2	10-12-66 3-06-67	65.2 64.0	14.0 15.2	5001 5001	10N/03W-02R01M	335.0	10-21-66 3-03-67	43.8 34.6	291.2 300.4	5104 5104
12N/01W-14M01M	43.5	10-12-66 3-06-67	43.5 29.1	0.0 14.4	5001 5001	10N/03W-13E01M	385.0	10-21-66 3-03-67	37.2 25.7	347.8 359.3	5104 5104
12N/01W-22A01M	47.8	10-12-66 3-06-67	DRY 31.0	16.8	5001 5001	10N/03W-24B01M	430.0	10-21-66 3-03-67	(1) 21.0	409.0	5104 5104
12N/01W-22R01M	51.0	10-27-66 11-29-66 12-31-66 1-30-67 2-28-67 3-30-67 4-28-67 5-27-67 6-29-67 7-28-67 8-31-67 9-28-67	51.8 46.0 44.6 43.8 41.7 41.5 41.0 43.7 53.4 51.8 55.6 49.2	-0.8 5.0 6.4 7.2 9.3 9.5 10.0 7.3 -2.4 -0.8 -3.6 1.8	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	11N/03W-03L01M	345.0	10-21-66 3-03-67	(1) 7.5	337.5	5104 5104
						11N/03W-04P01M	409.0	10-21-66 3-03-67	83.1 42.7	325.9 366.3	5104 5104
						11N/03W-09Q01M	415.0	10-21-66 3-03-67	(1) 9.1	405.9	5104 5104
						11N/03W-15G01M	330.0	10-21-66 3-03-67	23.8 16.8	306.2 313.2	5104 5104
						11N/03W-22B01M	327.0	10-21-66 3-03-67	23.3 20.8	303.7 306.2	5104 5104
						11N/03W-23N01M	317.0	10-21-66 3-03-67	20.9 17.8	296.1 299.2	5104 5104
						11N/03W-26M03M	308.0	10-21-66 3-03-67	34.5 (7)	273.5	5104 5104
						11N/03W-34C01M	370.0	10-21-66 3-03-67	41.3 46.4	328.7 323.6	5104 5104
						11N/03W-35J01M	292.0	10-21-66 3-03-67	18.4 11.4	273.6 280.6	5104 5104
						11N/03W-36M01M	286.0	10-21-66 3-03-67	16.6 12.2	269.4 273.8	5104 5104

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
CAPAY VALLEY 5-21.10											
12N/03W-18G02M	435.0	10-21-66 3-03-67	37.9 34.6	397.1 400.4	5104 5104	5N/01E-22C01M	33.0	10-16-66 5-01-67 (1)	16.1 10.7	16.9 22.3	5109 5109
12N/03W-20D01M	402.0	10-21-66 3-03-67	21.1 20.5	380.9 381.5	5104 5104	5N/01E-26M02M	19.0	10-21-66 5-03-67	6.5 0.0	12.5 19.0	5109 5109
12N/03W-29K01M	400.0	10-21-66 3-03-67	20.3 10.4	379.7 389.6	5104 5104	5N/01E-36A01M	24.0	10-21-66 5-03-67 (1)	11.5 6.8	12.5 17.2	5109 5109
12N/03W-32Q01M	410.0	10-21-66 3-03-67	50.9 34.9	359.1 375.1	5104 5104	5N/01E-36A02M	23.0	10-20-66 11-18-66 12-16-66 1-20-67 2-17-67 3-20-67 4-27-67 5-19-67 8-18-67 9-11-67	10.9 10.9 9.2 {7} 6.4 5.4 3.2 5.3 8.2 8.7	12.1 12.1 13.8 16.6 17.6 19.8 17.7 14.8 14.3	5050 5050 5050 5050 5050 5050 5050 5050 5050
12N/03W-33F01M	361.0	10-21-66 3-03-67	18.8 15.3	342.2 345.7	5104 5104	5N/02E-05J01M	11.0	10-21-66	(4)		5109
12N/04W-12R01M	446.0	10-21-66 3-03-67	23.3 21.3	422.7 424.7	5104 5104	5N/02E-06A01M	14.0	10-21-66 5-05-67	14.9 12.7	-0.9 1.3	5109 5109
SOLANO COUNTY 5-21.11											
4N/01E-02G01M	74.0	10-18-66 5-03-67	61.3 49.6	12.7 24.4	5109 5109	5N/02E-07R01M	15.0	10-21-66 5-05-67	{1} 11.8	3.2	5109
4N/01E-12A01M	78.0	10-07-66 3-20-67	14.3 14.5	63.7 63.5	5050 5050	5N/02E-19M01M	12.0	10-21-66 5-03-67 (1)	13.0 18.4	-1.0 -6.4	5109 5109
4N/02E-09A01M	39.0	10-17-66 5-03-67	22.5 21.8	16.5 17.2	5109 5109	5N/02E-31J01M	31.0	10-17-66 5-05-67	16.9 13.6	14.1 17.4	5109 5109
5N/01E-02E01M	25.0	10-16-66	(7)		5109	5N/02E-33G01M	13.0	10-17-66 5-05-67	9.8 2.2	3.2 10.8	5109 5109
5N/01E-03P01M	35.0	10-07-66 3-20-67	16.3 12.4	18.7 22.6	5050 5050	5N/02E-36N01M	0.7	10-17-66 5-03-67	6.5 4.5	-5.8 -3.8	5109 5109
5N/01E-06G01M	58.0	10-07-66 3-20-67	33.2 32.4	24.8 25.6	5050 5050	5N/01W-02B01M	97.0	3-20-67	13.0	84.0	5050
5N/01E-11R01M	23.0	10-07-66 (1) 3-20-67	77.3 13.9	-54.3 9.1	5050 5050	5N/01W-12H01M	62.0	3-20-67	25.0	37.0	5050
5N/01E-21E01M	36.0	10-16-66 5-01-67	11.8 6.1	24.2 29.9	5109 5109						

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SOLANO COUNTY 5-21.11											
6N/01E-02B01M	46.0	10-07-66 3-15-67	(3) 29.3	16.7	5050 5050	6N/01E-33L01M CONT.	43.0	3-20-67 4-27-67 5-01-67 5-19-67 8-18-67 9-11-67	13.9 13.2 13.2 13.0 {1} 13.8	29.1 29.8 29.8 30.0 30.0 29.2	5050 5050 5109 5050 5050 5050
6N/01E-06D01M	77.0	10-19-66 5-04-67	19.0 14.8	58.0 62.2	5109 5109	6N/02E-08B01M	25.7	10-17-66	(7)		5109
6N/01E-08J02M	60.0	10-07-66 3-20-67	14.5 11.6	45.5 48.4	5050 5050	6N/02E-14Q01M	12.0	10-20-66 11-18-66 12-16-66 1-20-67 2-17-67 3-15-67 4-28-67 5-19-67 8-18-67 (2) 9-12-67	10.5 10.1 7.2 10.1 7.9 9.0 7.3 9.2 16.0 10.2	1.5 1.9 4.8 1.9 4.1 3.0 4.7 2.8 -4.0 1.8	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
6N/01E-10H01M	52.0	10-07-66 3-20-67	10.4 5.3	41.6 46.7	5050 5050	6N/02E-20H02M	20.0	10-07-66 3-15-67	47.0 39.0	-27.0 -19.0	5050 5050
6N/01E-12M01M	40.0	10-20-66 11-18-66 12-16-66 1-20-67 2-17-67 3-15-67 4-28-67 5-19-67 8-18-67 (2) 9-12-67	44.7 44.2 42.9 41.8 35.0 34.6 32.5 31.2 28.9 28.7	-4.7 -4.2 -2.9 -1.8 5.0 5.4 7.5 8.8 11.1 11.3	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	6N/02E-26D01M	8.0	10-17-66 5-05-67	8.8 7.5	-0.8 0.5	5109 5109
6N/01E-12M03M	40.0	10-07-66 3-15-67	68.6 51.0	-28.6 -11.0	5050 5050	6N/02E-29N01M	19.0	10-07-66 10-17-66 3-15-67 5-05-67	30.4 29.3 24.2 22.6	-11.4 -10.3 -5.2 -3.6	5050 5109 5050 5109
6N/01E-18N01M	72.7	10-18-66 5-01-67	7.5 3.1	65.2 69.6	5109 5109	6N/01W-01B01M	82.0	10-19-66 10-20-66 11-18-66 12-16-66 1-20-67 2-17-67 3-15-67 4-27-67 5-04-67 5-19-67 8-18-67 9-12-67	28.7 29.5 27.8 25.1 25.0 26.0 26.0 22.1 24.7 26.8 27.4 30.8	53.3 52.5 54.2 56.9 57.0 56.0 56.0 59.9 57.3 55.2 54.6 51.2	5109 5050 5050 5050 5050 5050 5050 5050 5109 5050 5050 5050
6N/01E-22D01M	44.6	10-18-66 5-01-67	10.3 7.2	34.3 37.4	5109 5109						
6N/01E-24L02M	32.0	10-07-66 3-15-67	29.9 23.2	2.1 8.8	5050 5050						
6N/01E-31A01M	60.0	10-07-66 3-20-67	27.2 23.8	32.8 36.2	5050 5050						
6N/01E-33L01M	43.0	10-19-66 10-20-66 11-18-66 12-16-66 1-20-67 2-17-67	15.6 15.6 15.6 15.2 14.7 14.2	27.4 27.4 27.4 27.8 28.3 28.8	5109 5050 5050 5050 5050 5050						

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SOLANO COUNTY 5-21.11											
6N/01W-09L02M	175.0	10-19-66 5-04-67	0.8 0.0	174.2 175.0	5109 5109	7N/01E-04P03M	89.0	10-10-66 3-09-67	23.8 20.9	65.2 68.1	5001 5001
6N/01W-10R01M	100.0	3-20-67	35.0	65.0	5050	7N/01E-05F01M	91.7	10-06-66 3-08-67	30.9 25.2	60.8 66.5	5001 5001
6N/01W-10R04M	100.0	3-20-67	34.5	65.5	5050	7N/01E-08F03M	86.0	10-10-66 3-09-67	22.9 14.3	63.1 71.7	5001 5001
6N/01W-12Q01M	77.0	3-20-67	10.7	66.3	5050	7N/01E-10E01M	78.5	10-10-66 3-09-67	21.7 22.9	56.8 55.6	5001 5001
6N/01W-13R01M	74.5	3-20-67	4.5	70.0	5050	7N/01E-11M01M	75.0	10-10-66 3-10-67	32.8 32.0	42.2 43.0	5001 5001
6N/01W-15N01M	130.0	3-20-67	119.8	10.2	5050	7N/01E-12N02M	64.0	10-11-66 10-20-66 11-18-66 12-16-66 1-20-67 2-17-67 3-10-67 3-15-67 4-27-67 5-19-67 8-18-67 9-12-67	37.5 37.4 37.0 35.1 35.3 33.1 32.4 32.2 30.9 29.7 31.0 31.1	26.5 26.6 27.0 27.9 28.7 30.9 31.6 31.8 33.1 34.3 33.0 32.9	5001 5050 5050 5050 5050 5050 5001 5050 5050 5050 5050 5050
6N/01W-15P01M	123.0	3-20-67 (3)	106.4	16.6	5050	7N/01E-15P01M	70.0	10-11-66 3-10-67	{2} {4}	5001 5001	
6N/01W-20D01M	201.0	10-19-66 5-09-67	19.7 11.5	181.3 189.5	5109 5109	7N/01E-16A01M	79.0	10-10-66 3-09-67	23.1 18.3	55.9 60.7	5001 5001
6N/01W-21A01M	138.0	10-15-66 5-09-67	30.2 24.2	107.8 113.8	5109 5109	7N/01E-17R01M	77.0	10-11-66 3-10-67	10.9 9.2	66.1 67.8	5001 5001
6N/01W-21R01M	135.0	10-15-66 5-01-67	13.5 1.0	121.5 134.0	5109 5109	7N/01E-20D01M	85.0	10-11-66 3-10-67	12.2 9.5	72.8 75.5	5001 5001
6N/01W-23B01M	93.0	10-15-66 5-04-67	32.4 26.9	60.6 66.1	5109 5109	7N/01E-21A01M	74.0	10-11-66 3-10-67	26.0 17.9	48.0 56.1	5001 5001
6N/01W-23C01M	100.0	10-15-66 5-04-67	43.7 38.9	56.3 61.1	5109 5109						
6N/01W-24N01M	88.0	3-20-67	41.0	47.0	5050						
6N/01W-24N02M	90.0	3-20-67	79.5	10.5	5050						
6N/01W-26J02M	88.0	10-17-66	54.0	34.0	5109						
6N/01W-29B01M	165.0	3-20-67	(6)		5050						
7N/01E-01M02M	64.0	10-10-66 3-10-67	28.2 26.1	35.8 37.9	5001 5001						
7N/01E-03G01M	82.0	10-06-66 3-08-67	50.6 35.8	31.4 46.2	5001 5001						

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
SOLANO COUNTY 5-21.11												
7N/01E-21A02M	74.0	10-11-66 3-10-67	18.2 10.6	55.8 63.4	5001 5001	7N/02E-09F01M	51.0	10-12-66 3-13-67	99.4 80.8	-48.4 -29.8	5001 5001	
7N/01E-22D03M	71.0	10-11-66 3-10-67	48.3 23.9	22.7 47.1	5001 5001	7N/02E-12C01M	27.0	10-10-66 3-13-67	91.9 61.4	-64.9 -34.4	5001 5001	
7N/01E-24N03M	55.0	10-11-66 3-10-67	44.7 (3)	10.3	5001 5001	7N/02E-12C02M	28.0	10-10-66 3-13-67	{1}	60.7	-32.7	5001 5001
7N/01E-26Q02M	55.0	10-11-66 3-10-67	54.4 28.3	0.6 26.7	5001 5001	7N/02E-14F02M	31.0	10-12-66 3-10-67	89.3 67.0	-58.3 -36.0	5001 5001	
7N/01E-29P01M	74.0	10-11-66 3-09-67	15.2 11.2	58.8 62.8	5001 5001	7N/02E-15J01M	34.0	10-12-66 3-13-67	84.0 (8)	-50.0	5001 5001	
7N/01E-30M01M	87.0	10-11-66 3-09-67	25.5 22.2	61.5 64.8	5001 5001	7N/02E-19E02M	50.3	10-11-66 3-10-67	{1}	48.0	2.3	5001 5001
7N/01E-33A01M	65.0	10-11-66 3-10-67	46.3 25.2	18.7 39.8	5001 5001	7N/02E-21F02M	46.0	10-12-66 3-13-67	98.5 71.0	-52.5 -25.0	5001 5001	
7N/01E-33R01M	60.0	10-20-66 11-18-66 12-16-66 1-20-67 2-17-67 3-15-67 4-27-67 5-19-67 8-18-67 9-12-67	7.1 8.4 3.7 5.1 2.1 2.8 1.6 3.7 6.2 6.4	52.9 51.6 56.3 54.9 57.9 57.2 58.4 56.3 53.8 53.6	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	7N/02E-24N01M	23.0	10-20-66 11-18-66 12-16-66 1-20-67 2-17-67 3-15-67 4-28-67 5-19-67 8-18-67 9-12-67	36.5 36.5 35.6 35.1 33.9 33.6 32.4 32.2 32.0 32.5	-13.5 -13.5 -12.6 -12.1 -10.9 -10.6 -9.4 -9.2 -9.0 -9.5	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	
7N/02E-02B02M	34.0	10-10-66 3-10-67	83.8 60.4	-49.8 -26.4	5001 5001	7N/02E-26Q01M	27.5	10-11-66 3-13-67	48.8 37.7	-21.3 -10.2	5001 5001	
7N/02E-04A02M	50.0	10-12-66 3-13-67	115.9 71.6	-65.9 -21.6	5001 5001	7N/02E-26Q02M	27.5	10-11-66 3-13-67	55.2 40.3	-27.7 -12.8	5001 5001	
7N/02E-04M03M	52.5	10-12-66 3-13-67	107.6 77.6	-55.1 -25.1	5001 5001	7N/02E-30N03M	43.0	10-11-66 3-10-67	72.5 54.5	-29.5 -11.5	5001 5001	
7N/02E-07G03M	55.0	10-12-66 3-13-67	51.0 36.9	4.0 18.1	5001 5001	7N/02E-33D02M	33.0	10-11-66 3-10-67	80.0 57.2	-47.0 -24.2	5001 5001	

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SOLANO COUNTY 5-21.11											
7N/02E-34C02M	35.0	10-11-66 3-10-67	79.0 54.4	-44.0 -19.4	5001 5001	7N/01W-35R01M	91.0	10-11-66 3-10-67	23.5 22.3	67.5 68.7	5001 5001
7N/01W-01E02M	103.0	10-06-66 3-08-67	33.0 25.6	70.0 77.4	5001 5001	8N/01E-15P01M	84.0	10-06-66 3-09-67	45.4 39.9	38.6 44.1	5001 5001
7N/01W-01E03M	103.0	10-06-66 3-08-67	35.2 27.2	67.8 75.8	5001 5001	8N/01E-17K01M	100.0	10-06-66 3-09-67	44.7 36.2	55.3 63.8	5001 5001
7N/01W-04D01M	145.0	10-03-66 3-07-67	64.0 44.7	81.0 100.3	5001 5001	8N/01E-19K01M	104.0	10-06-66 3-09-67	(3) 42.1	61.9	5001 5001
7N/01W-05R01M	170.0	10-03-66 3-07-67	102.7 63.9	67.3 106.1	5001 5001	8N/01E-20G01M	98.0	10-06-66 3-09-67	51.0 38.7	47.0 59.3	5001 5001
7N/01W-06E01M	157.0	11-02-66 3-07-67	54.0 55.8	103.0 101.2	5001 5001	8N/01E-22N01M	83.0	10-06-66 3-09-67	38.9 32.3	44.1 50.7	5001 5001
7N/01W-13A01M	103.0	10-10-66 3-09-67	21.1 18.1	81.9 84.9	5001 5001	8N/01E-23C01M	84.2	10-10-66 3-08-67	58.0 40.2	26.2 44.0	5001 5001
7N/01W-13H01M	105.0	10-10-66 3-09-67	22.4 19.8	82.6 85.2	5001 5001	8N/01E-23Q01M	73.0	10-10-66 3-08-67	52.4 39.8	20.6 33.2	5001 5001
7N/01W-15G01M	128.0	10-11-66 3-09-67	37.0 35.1	91.0 92.9	5001 5001	8N/01E-24Q01M	68.0	10-10-66 3-08-67	82.0 46.4	-14.0 21.6	5001 5001
7N/01W-16G01M	230.0	10-11-66 3-09-67	123.1 122.4	106.9 107.6	5001 5001	8N/01E-27G02M	80.0	10-06-66 3-08-67	(1) 32.3	47.7	5001 5001
7N/01W-17Q01M	225.0	10-11-66 3-10-67	62.2 61.1	162.8 163.9	5001 5001	8N/01E-28G01M	92.0	10-06-66 3-08-67	46.5 36.1	45.5 55.9	5001 5001
7N/01W-21G01M	154.0	10-11-66 3-10-67	61.5 56.5	92.5 97.5	5001 5001	8N/01E-29D01M	103.0	10-06-66 3-09-67	50.9 42.4	52.1 60.6	5001 5001
7N/01W-21Q01M	150.0	10-11-66 3-10-67	(3) (8)		5001 5001	8N/01E-30G02M	110.0	10-06-66 3-09-67	53.2 43.9	56.8 66.1	5001 5001
7N/01W-28B01M	155.0	10-11-66 3-10-67	(9) (9)		5001 5001	8N/01E-32E01M	100.0	10-06-66 4-05-67	45.9 34.1	54.1 65.9	5001 5001
7N/01W-34K01M	125.0	10-19-66 5-04-67	52.5 51.2	72.5 73.8	5109 5109	8N/01E-33A01M	84.0	10-06-66 3-08-67	30.3 26.3	53.7 57.7	5001 5001

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SOLANO COUNTY 5-21.11											
8N/01E-33H01M	82.0	10-06-66 3-08-67	30.5 25.6	51.5 56.4	5001 5001	8N/02E-29K01M	55.0	11-03-66 3-08-67	64.9 44.9	-9.9 10.1	5001 5001
8N/01E-33Q02M	86.0	10-20-66 11-18-66 12-16-66 1-20-67 2-17-67 3-15-67 4-28-67 5-19-67 8-18-67 9-12-67	27.7 28.5 29.2 29.0 28.0 28.2 28.1 26.2 22.3 22.7	58.3 57.5 56.8 57.0 58.0 57.8 57.9 59.8 63.7 63.3	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	8N/02E-30H02M	62.0	10-10-66 3-08-67	67.5 (1)	-5.5	5001 5001
8N/01E-33Q03M	85.7	10-06-66 3-08-67	24.8 25.5	60.9 60.2	5001 5001	8N/02E-31D01M	65.0	10-10-66 3-08-67	70.6 47.9	-5.6 17.1	5001 5001
8N/01E-35K01M	73.0	10-06-66 3-08-67	88.4 41.6	-15.4 31.4	5001 5001	8N/02E-32M01M	60.3	10-10-66 3-08-67	(1) 64.1	-3.8	5001 5001
8N/02E-19F01M	70.0	10-10-66 3-09-67	70.5 54.3	-0.5 15.7	5001 5001	8N/02E-35F03M	41.0	11-03-66 3-08-67	76.9 52.5	-35.9 -11.5	5001 5001
8N/02E-24N01M	37.5	10-10-66 3-08-67	63.1 33.8	-25.6 3.7	5001 5001	8N/02E-35G02M	35.0	10-10-66 3-08-67	82.5 52.1	-47.5 -17.1	5001 5001
8N/02E-25B01M	35.0	10-06-66 10-20-66 11-18-66 12-16-66 1-20-67 2-17-67 3-08-67	59.0 58.1 49.1 42.3 (7) 32.2 32.4	-24.0 -23.1 -14.1 -7.3 2.8 2.6 2.6	5001 5050 5050 5050 5050 5050 5001	8N/01W-22J01M	89.8	10-04-66 3-09-67	12.9 (9)	76.9	5001 5001
8N/02E-27C01M	46.0	10-10-66 3-08-67	68.8 41.6	-22.8 4.4	5001 5001	8N/01W-22R02M	129.0	10-04-66 3-09-67	61.1 45.3	67.9 83.7	5001 5001
8N/02E-27Q02M	45.0	10-10-66 3-08-67	(1) 48.0	-3.0	5001 5001	8N/01W-23B01M	123.1	10-05-66 3-09-67	49.3 36.8	73.8 86.3	5001 5001
						8N/01W-24P01M	117.0	10-06-66 3-09-67	51.2 (4)	65.8	5001 5001
						8N/01W-25A02M	114.0	10-06-66 3-09-67	56.5 44.0	57.5 70.0	5001 5001
						8N/01W-26A01M	120.0	11-02-66 3-09-67	58.4 44.3	61.6 75.7	5001 5001
						8N/01W-26D05M	126.0	10-04-66 3-08-67	59.2 43.6	66.8 82.4	5001 5001
						8N/01W-26K02M	116.0	10-05-66 3-08-67	56.7 38.9	59.3 77.1	5001 5001

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SOLANO COUNTY 5-21.11											
8N/01W-27H01M	123.0	10-04-66 3-07-67	56.6 40.8	66.4 82.2	5001 5001	8N/01W-35G02M	111.0	10-06-66 3-07-67	43.4 37.1	67.6 73.9	5001 5001
8N/01W-27L01M	132.0	10-04-66 3-07-67	55.8 40.4	76.2 91.6	5001 5001	8N/01W-36H01M	102.0	10-06-66 3-07-67	37.7 29.1	64.3 72.9	5001 5001
8N/01W-28J01M	138.0	10-03-66 10-20-66 11-18-66 12-16-66 1-20-67 2-17-67 3-07-67 3-15-67 4-28-67 5-19-67 (1) 8-18-67 9-12-67 (3)	55.0 58.0 56.2 47.5 46.3 40.7 41.0 41.6 38.7 41.5 50.5 50.0	83.0 80.0 81.8 90.5 91.7 97.3 97.0 96.4 99.3 96.5 87.5 88.0	5001 5050 5050 5050 5050 5050 5001 5050 5050 5050 5050 5050	SOLANO COUNTY 5-21.11					
8N/01W-28J02M	138.0	10-03-66 3-07-67	53.6 41.4	84.4 96.6	5001 5001	2N/06E-01A01M	37.6	4-13-67	42.8	-5.2	5050
8N/01W-28K01M	105.5	10-04-66 3-07-67	11.5 4.1	94.0 101.4	5001 5001	2N/06E-03D03M	22.0	10-05-66 3-09-67	34.0 29.8	-12.0 -7.8	5110 5110
8N/01W-28R03M	140.0	10-03-66 3-07-67	51.2 41.2	88.8 98.8	5001 5001	2N/06E-04E01M	17.0	10-01-66 3-01-67	37.6 28.8	-20.6 -11.8	5110 5110
8N/01W-32H01M	140.0	10-03-66 3-07-67	47.4 36.6	92.6 103.4	5001 5001	2N/06E-04F01M	18.0	10-01-66 3-01-67	35.9 28.7	-17.9 -10.7	5110 5110
8N/01W-33A01M	134.7	10-03-66 3-07-67	44.9 31.5	89.8 103.2	5001 5001	2N/06E-08C02M	13.0	10-01-66 3-01-67	22.9 18.6	-9.6 -5.6	5110 5110
8N/01W-33B02M	136.0	10-03-66 3-07-67	48.9 40.3	87.1 95.7	5001 5001	2N/06E-08F01M	9.6	10-06-66 3-10-67	24.5 19.6	-14.9 -10.0	5110 5110
8N/01W-33H01M	130.8	10-03-66 3-07-67	46.3 36.3	84.5 94.5	5001 5001	2N/06E-09C02M	18.0	10-04-66 3-07-67	31.1 24.3	-13.1 -6.3	5050 5050
8N/01W-34A01M	120.0	10-04-66 3-07-67	54.6 43.3	65.4 76.7	5001 5001	2N/06E-11E11M	23.5	11-01-66 3-01-67	19.8 24.0	3.7 -0.5	8201 8201
8N/01W-34H01M	121.0	10-04-66 3-07-67	51.7 40.0	69.3 81.0	5001 5001	2N/06E-12H01M	33.4 31.8	10-21-66 3-10-67	34.4 37.6	-1.0 -5.8	5050 5110
						2N/06E-13M01M	26.7	10-05-66 3-08-67	30.0 36.5	-3.3 -9.8	5110 5110
						2N/06E-13R02M	30.0	10-05-66 3-08-67	47.8 47.5	-17.8 -17.5	5110 5110

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
MOKELOMNE RIVER AREA 5-22.01												
2N/06E-15J01M	20.3	10-06-66 3-10-67	24.7 30.8	-4.4 -10.5	5110 5110	2N/06E-22B01M	17.0	2-27-67	40.0	-23.0	4701	
2N/06E-16C01M	14.0	10-04-66 3-07-67	33.3 27.2	-19.3 -13.2	5050 5050	2N/06E-22D01M	17.2	10-31-66 5-03-67	47.2 39.5	-30.0 -22.3	4203 4203	
2N/06E-16E03M	12.0	10-01-66 3-01-67	45.1 33.0	-33.1 -21.0	5110 5110	2N/06E-24J02M	30.1	10-05-66 3-08-67	(1) 53.9	-23.8	5110 5110	
2N/06E-16L01M	11.5	10-06-66 3-10-67	36.7 30.2	-25.2 -18.7	5110 5110	2N/06E-24J03M	26.8	4-14-67	46.3	-19.5	5050	
2N/06E-17A01M	12.0	10-01-66 3-01-67	35.5 27.0	-23.5 -15.0	5110 5110	2N/06E-26H01M	22.8	10-05-66 3-07-67	54.7 51.0	-31.9 -28.2	5110 5110	
2N/06E-17J01M	11.2	10-31-66 5-03-67	40.1 30.9	-28.9 -19.7	4203 4203	2N/06E-27B01M	16.0	2-27-67	52.0	-36.0	4701	
2N/06E-20A01M	7.5	10-31-66 5-03-67	41.7 29.5	-34.2 -22.0	4203 4203	2N/06E-28E03M	7.2	10-25-66 11-29-66	35.5 29.9	-28.3 -22.7	5050 5050	
2N/06E-20F01M	14.8	10-31-66 5-03-67	20.1 19.3	-5.3 -4.5	4203 4203		12-27-66	28.4	-21.2	5050		
2N/06E-20J01M	7.0	10-01-66 3-01-67	45.0 30.3	-38.0 -23.3	5110 5110		1-25-67	27.7	-20.5	5050		
2N/06E-20L01M	4.0	10-01-66 3-01-67	38.6 23.7	-34.6 -19.7	5110 5110		2-23-67	26.3	-19.1	5050		
2N/06E-21C01M	10.0	10-01-66 3-01-67	55.1 39.3	-45.1 -29.3	5110 5110		3-27-67	25.8	-18.6	5050		
2N/06E-21C02M	10.0	10-01-66 3-01-67	55.4 40.5	-45.4 -30.5	5110 5110		4-25-67	25.0	-17.8	5050		
2N/06E-21F01M	10.0	10-01-66 3-01-67	49.0 39.6	-39.0 -29.6	5110 5110		5-24-67	32.4	-25.2	5050		
2N/06E-21G01M	11.0	10-01-66 3-01-67	48.6 38.4	-37.6 -27.4	5110 5110		6-26-67	34.7	-27.5	5050		
2N/06E-21K01M	13.0	2-27-67	39.0	-26.0	4701		7-25-67	37.2	-30.0	5050		
2N/06E-21P01M	11.0	2-27-67	42.0	-31.0	4701		8-28-67	38.8	-31.6	5050		
							9-25-67	35.7	-28.5	5050		
						2N/06E-28P01M	7.0	10-04-66 3-07-67	29.1 22.5	-22.1 -15.5	5050 5050	
						2N/06E-29N01M	1.0	10-04-66 3-07-67	11.7 6.6	-10.7 -5.6	5050 5050	
						3N/05E-03J01M	7.0	10-04-66 10-05-66 3-08-67	(1) 7.4 (4) 10.2	-0.4 -3.2	5050 5050	
						3N/05E-13L01M	12.0	10-06-66 3-09-67	19.1 10.9	-7.1 1.1	5110 5110	
						3N/05E-14C01M	6.7	10-06-66 3-10-67	9.4 5.5	-2.7 1.2	5110 5110	
						3N/05E-24L01M	8.0	3-08-67	8.3	-0.3	5050	

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
MOKELUMNE RIVER AREA 5-22.01												
N/05E-25D01M	4.0	10-04-66	(6)		5050	3N/06E-20Q01M	18.0	10-06-66 3-10-67	47.0 27.8	-29.0 -9.8	5110 5110	
N/06E-01J01M	51.8	10-03-66 3-01-67	38.0 36.5	13.8 15.3	8201 8201	3N/06E-22D01M	27.0	10-05-66 3-09-67	36.0 30.5	-9.0 -6.5	5110 5110	
N/06E-01N02M	46.8	10-03-66 3-01-67	39.4 37.5	7.4 9.3	8201 8201	3N/06E-24M01M	39.9	10-05-66 3-07-67	48.3 44.9	-8.4 -5.0	5050 5050	
N/06E-01R13M	53.1	10-03-66 3-01-67	45.9 42.6	7.2 10.5	8201 8201	3N/06E-25H11M	41.0	10-04-66 3-01-67	56.9 (8)	-15.9	8201 8201	
N/06E-03K11M	41.0	10-24-66 11-28-66 12-27-66 1-25-67 2-23-67 3-27-67 4-25-67 5-24-67 6-26-67 7-25-67 8-28-67 9-25-67	29.1 29.0 29.2 29.5 28.5 28.1 27.2 27.1 27.8 (1) 29.9 28.5	11.9 12.0 11.8 11.5 12.5 12.9 13.8 13.9 13.2 5050 5050 5050	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	3N/06E-24R05M	39.6	4-13-67	47.0	-7.4	5050
N/06E-04C01M	35.0	10-05-66 3-08-67	20.4 19.8	14.6 15.2	5050	3N/06E-26P02M	32.4	10-05-66 3-09-67	40.1 37.1	-7.7 -4.7	5110 5110	
N/06E-07H03M	23.4	10-06-66 3-09-67	24.4 19.7	-1.0 3.7	5110 5110	3N/06E-27E01M	25.3	10-05-66 3-09-67	41.5 35.5	-16.2 -10.2	5110 5110	
N/06E-09F06M	32.0	10-06-66 3-09-67	29.1 26.9	2.9 5.1	5110 5110	3N/06E-29C01M	17.2	10-06-66 3-10-67	(1) 25.7	-8.5	5110 5110	
N/06E-12P01M	45.0	10-06-66 3-09-67	51.5 46.5	-6.5 -1.5	5110 5110	3N/06E-30R01M	12.0	10-06-66 3-10-67	35.5 19.0	-23.5 -7.0	5110 5110	
N/06E-12Q32M	48.8	10-03-66 3-01-67	51.0 47.8	-2.2 1.0	8201 8201	3N/06E-32R01M	15.0	10-06-66 3-10-67	39.2 25.5	-24.2 -10.5	5110 5110	
N/06E-13R06M	45.6	4-13-67	47.3	-1.7	5050	3N/06E-35P02M	28.4	10-24-66 11-28-66 12-27-66 1-25-67 2-23-67 3-27-67 4-25-67 5-24-67 6-26-67 7-25-67 8-28-67 9-25-67	29.4 30.3 30.7 31.3 30.4 30.8 30.9 34.9 29.6 34.1 32.4 27.4	-1.0 -1.9 -2.3 -2.9 -2.0 -2.4 -2.5 -6.5 -1.2 -5.7 -4.0 1.0	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
N/06E-17D11M	23.8	10-03-66 3-01-67	32.5 26.0	-8.7 -2.2	8201 8201	3N/06E-36R02M	38.0	10-04-66 3-01-67	49.6 45.0	-11.6 -7.0	8201 8201	

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
MOKELUMNE RIVER AREA 5-22.01												
3N/07E-02C02M	84.6	10-06-66 3-01-67	60.3 59.1	24.3 25.5	8201 8201	3N/07E-10L04M CONT.	72.8 7-03-67 8-01-67 9-01-67	69.4 75.0 79.1 80.6	3.4 -2.2 -6.3 -7.8	8201 8201 8201 8201		
3N/07E-02001M	84.0	10-25-66 11-29-66 12-27-66 1-25-67 2-24-67 3-28-67 4-25-67 5-25-67 6-27-67 7-26-67 8-29-67 9-26-67	80.4 77.7 76.7 75.6 74.4 73.9 73.2 73.9 76.8 82.6 83.7 80.1	3.6 6.3 7.3 8.4 9.6 10.1 10.8 10.1 7.2 1.4 0.3 3.9	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	3N/07E-12P01M	77.0	10-04-66 3-07-67	90.1 79.5	-13.1 -2.5	5050 5050
3N/07E-03C01M	83.2	10-05-66	DRY		8201	3N/07E-17K02M	57.0	10-05-66 3-09-67	66.8 59.7	-7.8 -2.7	5110 5110	
3N/07E-03R01M	74.8	10-05-66 3-09-67	73.5 71.3	1.3 3.5	5110 5110	3N/07E-18D12M	50.0	3-08-67	49.6	0.4	5050	
3N/07E-06004M	57.0	10-05-66 3-09-67	50.5 45.5	6.5 11.5	5110 5110	3N/07E-18N12M	47.4	10-04-66 3-01-67	55.1 48.7	-7.7 -1.3	8201 8201	
3N/07E-07M01M	52.6	10-04-66 3-01-67	52.2 46.9	0.4 5.7	8201 8201	3N/07E-19N02M	42.0	4-13-67	47.5	-5.5	5050	
3N/07E-08B12M	64.4	10-05-66 3-01-67	58.1 54.9	6.3 9.5	8201 8201	3N/07E-20P02M	49.9	10-05-66 3-10-67	71.0 59.0	-21.1 -9.1	5110 5110	
3N/07E-08E02M	60.0	10-05-66 3-09-67	59.0 56.9	1.0 3.1	5110 5110	3N/07E-22C11M	66.6	10-05-66 3-01-67	83.1 73.7	-16.5 -7.1	8201 8201	
3N/07E-09C01M	68.3	10-05-66 3-09-67	65.7 61.0	2.6 7.3	5110 5110	3N/07E-23C02M	72.0	10-05-66 10-21-66 3-09-67	(8) 82.1 74.7	5110 5050 5110		
3N/07E-10L04M	72.8	10-05-66 11-01-66 12-01-66 1-06-67 2-01-67 3-01-67 4-05-67 5-04-67	76.4 (7) 73.0 71.7 70.8 69.7 69.1 68.0	-3.6 -0.2 1.1 2.0 3.1 3.7 4.8	8201 8201 8201 8201 8201 8201 8201 8201	3N/07E-25C01M	71.2	10-04-66 3-08-67	84.7 81.5	-13.5 -10.3	5110 5110	
						3N/07E-25G01M	75.7	10-04-66 3-08-67	90.2 81.3	-14.5 -5.6	5110 5110	
						3N/07E-27F13M	61.1	10-05-66 3-01-67	80.5 72.2	-19.4 -11.1	8201 8201	
						3N/07E-31B01M	41.0	10-05-66 3-09-67	61.7 53.3	-20.7 -12.3	5110 5110	
						3N/08E-03R01M	146.0	10-04-66 3-09-67	91.0 92.0	55.0 54.0	5110 5110	
						3N/08E-04Q01M	120.6	10-07-66 1-09-67	116.8 115.2	3.8 5.4	8201 8201	

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA							
MOKELOMNE RIVER AREA 5-22.01																		
3N/08E-05B02M	108.0	10-07-66 1-09-67	109.5 102.2	-1.5 5.8	8201 8201	4N/05E-05C02M	5.0	10-05-66 3-09-67	{9} (9)	5110 5110								
3N/08E-05K11M	107.5	10-07-66 1-09-67	113.0 106.3	-5.5 1.2	8201 8201	4N/05E-05H01M	4.0	10-05-66 3-09-67	6.0 5.0	-2.0 -1.0	5110 5110							
3N/08E-07D02M	86.0	10-04-66 3-07-67	98.6 (1)	-12.6	5050 5050	4N/05E-09D01M	0.0	10-05-66 3-09-67	4.8 2.3	-4.8 -2.3	5110 5110							
3N/08E-08E01M	95.8	10-04-66 3-08-67	(9) (2)		5110 5110	4N/05E-10K01M	6.3	10-05-66 3-09-67	7.3 2.8	-1.0 -2.5	5110 5110							
3N/08E-09Q11M	126.3	10-07-66 1-09-67	132.0 128.0	-5.7 -1.7	8201 8201	4N/05E-13H01M	19.6	10-05-66 3-10-67	26.6 9.6	-7.0 10.0	5110 5110							
3N/08F-15L01M	127.7	10-07-66 1-09-67	138.9 126.7	-11.2 1.0	8201 8201	4N/05E-16K01M	2.0	10-05-66 3-08-67	3.7 4.1	-1.7 -2.1	5050 5050							
3N/08E-19C01M	82.0	10-04-66 3-08-67	100.5 90.7	-18.5 -8.7	5110 5110	4N/05E-22A01M	8.2	10-05-66 3-09-67	{8} (8)	5110 5110								
3N/08E-20B01M	97.0	9-19-67 9-26-67	111.5 110.8	-14.5 -13.8	5050 5050	4N/05E-24C02M	14.0	10-05-66 3-09-67	10.5 5.0	3.5 9.0	5110 5110							
3N/08E-20K01M	92.7	10-05-66 1-05-67	104.3 98.7	-11.6 -6.0	8201 8201	4N/05E-26K02M	13.0	10-06-66 10-24-66 11-28-66 12-27-66	6.0 4.9 4.8 4.6	7.0 8.1 8.2 8.0	5110 5050 5050 5050							
3N/08E-22A01M	133.0	10-04-66 3-09-67	(1) 135.0	-2.0	5110 5110	4N/05E-27E01M	1-25-67 2-23-67 3-09-67 3-27-67 4-25-67 5-24-67 6-26-67 7-25-67 8-28-67 9-25-67	2.5 4.3 4.5 4.3 4.1 3.9 4.0 3.5 3.3 3.9	10.5 8.7 8.5 8.7 8.9 9.1 9.0 9.5 9.7 9.1	10.5 8.7 8.5 8.7 8.9 9.0 9.0 9.5 9.7 9.1	5050 5050 5110 5050 5050 5050 5050 5050 5050 5050							
3N/08E-29F01M	93.0	10-04-66 10-25-66 11-29-66	(3) (3) (0)		5110 5050 5050	4N/05E-30H01M	84.9	10-04-66 3-08-67 9-12-67	103.1 89.5 101.4	-18.2 -4.6 -16.5	5110 5110 5050	4N/05E-36P01M	16.0	10-05-66 3-09-67	13.8 6.8	2.2 9.2	5110 5110	
4N/05E-01H11M	19.9	10-05-66 3-08-67	(1) 16.5	3.4	5050 5050	4N/06E-03A12M	7.8	10-05-66 3-09-67	(1) 6.0	1.8	5110 5110	4N/06E-03A12M	48.3	10-04-66 1-04-67	74.1 58.1	-25.8 -9.8	8201 8201	

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
MOKELOMNE RIVER AREA 5-22.01												
4N/06E-05Q01M	30.0	10-05-66 3-08-67	(1) 30.9	-0.9	5050 5050	4N/06E-23M01M	45.2	10-04-66 3-01-67	40.6 36.5	4.6 8.7	8201 8201	
4N/06E-05R11M	34.0	10-05-66 3-08-67	49.9 34.8	-15.9 -0.8	5050 5050	4N/06E-24F01M	55.0	10-06-66 3-08-67	61.0 51.0	-6.0 4.0	5110 5110	
4N/06E-06N12M	21.0	10-05-66 3-08-67	28.9 20.1	-7.9 0.9	5050 5050	4N/06E-25R01M	55.0	10-06-66 3-08-67	44.0 42.0	11.0 13.0	5110 5110	
4N/06E-07B11M	26.0	10-05-66 3-08-67	32.3 24.0	-6.3 2.0	5050 5050	4N/06E-26L01M	46.0	10-06-66 3-09-67	{4} {4}	5110 5110		
4N/06E-11B01M	47.0	10-04-66 3-06-67	96.4 66.6	-49.4 -19.6	5001 5001	4N/06E-27D02M	34.5	10-06-66 3-09-67	18.5 14.0	16.0 20.5	5110 5110	
4N/06E-12C04M	55.0	10-06-66 3-08-67	82.0 77.0	-27.0 -22.0	5110 5110	4N/06E-29A01M	33.0	10-05-66 3-10-67	(9) 15.7	17.3	5110 5110	
4N/06E-12N02M	52.0	10-06-66 3-08-67	63.8 57.8	-11.8 -5.8	5110 5110	4N/06E-29N02M	26.0	10-05-66 3-09-67	22.5 15.0	3.5 11.0	5110 5110	
4N/06E-12R11M	57.9	10-04-66 3-01-67	73.9 68.1	-16.0 -10.2	8201 8201	4N/06E-31P01M	24.0	10-05-66 3-09-67	15.0 14.5	9.0 9.5	5110 5110	
4N/06E-13G01M	56.0	10-06-66 3-08-67	68.0 59.0	-12.0 -3.0	5110 5110	4N/06E-33B04M	36.0	10-05-66 3-08-67	18.2 18.1	17.8 17.9	5050 5050	
4N/06E-15B02M	40.0	10-06-66 10-21-66 3-08-67	(1) 47.4 50.7	-7.4 -10.7	5110 5050 5110	4N/06E-34R30M	43.2	10-03-66 3-01-67	23.3 24.3	19.9 18.9	8201 8201	
4N/06E-17D01M	23.8	10-05-66 3-09-67	27.0 16.5	-3.2 7.3	5110 5110	4N/06E-36D02M	49.1	10-04-66 3-01-67	30.6 31.0	18.5 18.1	8201 8201	
4N/06E-19F01M	21.8	10-05-66 3-08-67	20.7 9.0	1.1 12.8	5050 5050	4N/07E-01B01M	105.0	10-06-66 3-07-67	120.1 109.5	-15.1 -4.5	5001 5001	
4N/06E-19R11M	26.7	10-04-66 3-01-67	19.6 12.4	7.1 14.3	8201 8201	4N/07E-03B01M	93.2	10-06-66 3-07-67	108.6 90.4	-15.4 2.8	5001 5001	
4N/06E-21D01M	31.0	10-05-66 3-08-67	23.2 20.6	7.8 10.4	5050 5050	4N/07E-04B12M	85.0	10-06-66 3-08-67	94.2 93.7	-9.2 -8.7	5110 5110	
4N/06E-22M01M	38.2	10-06-66 3-09-67	34.5 26.0	3.7 12.2	5110 5110	4N/07E-04Q12M	83.4	10-06-66 1-06-67	100.4 86.8	-17.0 -3.4	8201 8201	

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
MOKELOMNE RIVER AREA 5-22.01												
4N/07E-07A01M	68.0	10-06-66 3-08-67	{7}	-8.6	5110	4N/07E-22Q05M	83.8	10-06-66 3-01-67	78.1 71.7	5.7 12.1	8201 8201	
4N/07E-07H02M	67.9	10-06-66 1-04-67	76.6 83.9	-16.0	8201	4N/07E-25G15M	88.8	10-06-66 3-01-67	81.8 73.5	7.0 15.3	8201 8201	
4N/07E-09D12M	77.4	10-06-66 1-06-67	92.3 84.2	-14.9 -6.8	8201	4N/07E-27P01M	81.5	10-06-66 3-01-67	42.8 43.1	38.7 38.4	8201 8201	
4N/07E-12E01M	105.7	10-06-66 3-09-67	113.7 98.6	-8.0 7.1	5110	4N/07E-28J02M	74.8	10-06-66 3-09-67	69.4 63.8	5.4 11.0	5110 5110	
4N/07E-14E01M	93.1	10-06-66 3-09-67	(1) 81.0	12.1	5110	4N/07E-29H01M	70.6	10-06-66 3-01-67	66.0 59.4	4.6 11.2	8201 8201	
4N/07E-14Q02M	95.0	10-06-66 3-08-67	101.6 88.9	-6.6 6.1	5050	4N/07E-30E04M	57.2	10-04-66 3-01-67	51.1 46.8	6.1 10.4	8201 8201	
4N/07E-15B11M	91.2	10-06-66 3-01-67	93.5 89.8	-2.3 1.4	8201	4N/07E-31M13M	55.2	10-04-66 3-01-67	34.7 34.1	20.5 21.1	8201 8201	
4N/07E-17N01M	67.0	10-06-66 3-08-67	78.3 70.8	-11.3 -3.8	5110	4N/07E-31N11M	45.9	10-04-66 3-01-67	13.4 18.4	32.5 27.5	8201 8201	
4N/07E-18M01M	57.8	10-25-66 11-29-66 12-27-66 1-30-67 2-28-67 3-28-67 4-25-67 5-25-67 6-26-67 7-28-67 8-28-67 9-26-67	68.2 66.4 65.1 63.5 62.4 61.2 60.1 59.3 50.3 70.8 73.0 67.8	-10.4 -8.6 -7.3 -5.7 -4.6 -3.4 -2.3 -1.5 -2.5 -13.0 -15.2 -10.0	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	5050	4N/07E-33H01M	73.4	10-06-66 3-09-67	40.8 (1)	32.6	5110 5110
4N/07E-18P30M	61.4	10-04-66 3-01-67	68.6 62.2	-7.2 -0.8	8201	4N/07E-34F11M	61.6	10-06-66 3-01-67	19.4 19.9	42.2 41.7	8201 8201	
4N/07E-19K01M	62.4	10-06-66 3-08-67	67.0 67.0	-4.6 -4.6	5110	4N/07E-34L03M	85.6	10-05-66 3-01-67	47.0 47.9	38.6 37.7	8201 8201	
4N/07E-21F01M	78.2	10-06-66 3-09-67	80.4 71.7	-2.2 6.5	5110	4N/08E-01K01M	170.7	10-10-66 1-10-67	100.0 100.4	70.7 70.3	8201 8201	
						4N/08E-04N01M	140.0	10-06-66 3-09-67	135.6 129.0	4.4 11.0	5110 5110	
						4N/08E-04P13M	139.5	10-10-66 1-10-67	121.6 119.1	17.9 20.4	8201 8201	

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
MOKELOMNE RIVER AREA 5-22.01												
4N/08E-06C01M	105.0	12-27-66	97.4	7.6	5050	4N/08E-27J11M	195.4	10-07-66 1-09-67	170.7 168.6	24.7 26.8	8201 8201	
4N/08E-06C02M	105.0	10-25-66 11-29-66 12-27-66 1-26-67 2-24-67 3-28-67 4-26-67 5-25-67 6-27-67 7-26-67 8-29-67 9-26-67	105.4 100.0 97.6 96.2 94.0 92.8 92.0 97.5 101.2 104.8 107.3 106.7	-0.4 5.0 7.4 8.8 11.0 12.2 13.0 7.5 3.8 0.2 -2.3 -1.7	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	5050	4N/08E-28H11M	131.2	10-07-66 1-09-67	(1) 111.6	19.6	8201 8201
						4N/08E-30A11M	70.3	10-07-66 1-13-67	17.4 18.5	52.9 51.8	8201 8201	
						4N/08E-32N01M	105.0	10-06-66 3-09-67	(1) 102.0	3.0	5110 5110	
						4N/08E-34E01M	158.7	10-07-66 1-09-67	143.9 140.2	14.8 18.5	8201 8201	
4N/08E-06N02M	116.0	10-06-66 3-09-67 (2)	124.3 108.4	-8.3 7.6	5110	4N/08E-34Q11M	162.6	10-07-66 1-09-67	145.2 144.0	17.4 18.6	8201 8201	
4N/08E-14K01M	150.0	10-06-66 3-09-67	113.1 108.7	36.9 41.3	5110	4N/08E-35P01M	196.0	10-06-66 3-09-67	91.9 91.2	104.1 104.8	5110 5110	
4N/08E-17J01M	130.0	10-06-66 3-09-67	123.8 112.9	6.2 17.1	5110	4N/08E-36P01M	209.0	10-25-66 11-29-66 12-27-66 1-25-67 2-24-67 3-28-67 4-26-67 5-28-67 6-27-67 7-26-67 8-29-67 9-26-67	195.3 195.7 195.9 195.6 195.3 194.4 194.9 195.6 196.2 196.2 196.5 196.6	13.7 13.3 13.1 13.4 13.7 14.6 14.1 13.4 12.8 12.8 12.5 12.4	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	8201 8201 8201 8201 8201 8201 8201 8201 8201 8201 8201 8201
4N/08E-18L12M	122.4	10-10-66 1-10-67	119.5 111.6	2.9 10.8	8201							
4N/08E-21M01M	114.0	10-06-66 3-09-67	105.6 97.6	8.4 16.4	5110							
4N/08E-22C01M	126.0	10-06-66 3-09-67	59.5 58.2	66.5 67.8	5110							
4N/08E-24J02M	166.9	10-07-66 1-12-67	121.5 121.6	45.4 45.3	8201	4N/09E-06L11M	125.6	10-10-66 1-10-67	15.0 10.8	110.6 114.8	8201 8201	
4N/08E-25L01M	192.9	10-07-66 1-13-67	153.6 154.0	39.3 38.9	8201	4N/09E-07K02M	172.7	10-11-66 1-11-67	45.2 36.8	127.5 135.9	8201 8201	
4N/08E-26A12M	159.3	10-07-66 1-13-67	122.6 123.0	36.7 36.3	8201	4N/09E-15M11M	191.6	10-11-66 1-12-67	40.8 32.7	150.8 158.9	8201 8201	
4N/08E-26L01M	172.9	10-07-66	DRY		8201							

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA						
MOKELEMNE RIVER AREA 5-22.01																	
4N/09E-16D13M	191.4	10-06-66 3-05-67	26.7 22.3	164.7 169.1	5110 5110	5N/08E-32R11M	162.1	10-10-66 1-11-67	152.9 145.9	9.2 16.2	8201 8201						
4N/09E-20M01M	238.8	10-13-66 1-12-67	(1) 142.3	96.5	8201 8201	5N/08E-34G11M	224.8	1-11-67	182.2	42.6	8201						
4N/09E-21A01M	216.4	10-13-66 1-12-67	59.9 59.4	156.5 157.0	8201 8201	5N/08E-35K12M	188.6	10-10-66 1-11-67	137.7 139.4	50.9 49.2	8201 8201						
4N/09E-28C02M	313.4	10-13-66 1-13-67	136.2 136.0	177.2 177.4	8201 8201	CALAVERAS RIVER AREA 5-22.02											
4N/09E-31M01M	250.0	10-06-66 3-09-67	217.2 218.2	32.8 31.8	5110 5110	1N/06E-01J01M	22.0	2-27-67	77.0	-55.0	4701						
5N/05E-28L03M	6.0	10-05-66 3-09-67	9.5 5.5	-3.5 0.5	5110 5110	1N/06E-02Q01M	16.0	2-27-67	63.0	-47.0	4701						
5N/05E-32M01M	1.5	10-05-66 3-09-67	7.2 4.2	-5.7 -2.7	5110 5110	1N/06E-03C01M	10.0	2-27-67	50.0	-40.0	4701						
5N/06E-36R01M	63.1	10-06-66 3-08-67	83.9 75.9	-20.8 -12.8	5110 5110	1N/06E-04B01M	6.0	2-27-67	39.0	-33.0	4701						
5N/07E-31J01M	71.5	10-05-66 10-06-66 3-07-67 3-08-67	88.0 (1) 80.7 82.5	-16.5 -2.7 -9.2 -11.0	5001 5110 5001 5110	1N/06E-04D01M	4.0	2-27-67	32.0	-28.0	4701						
5N/07E-34G01M	88.8	10-06-66 10-21-66 3-09-67	(1) 103.6 86.9	-14.8 1.9	5110 5050 5110	1N/06E-05G04M	2.0	10-04-66 3-07-67	22.2 14.3	-20.2 -12.3	5050 5050						
5N/08E-16Q01M	125.0	10-05-66 3-08-67	100.3 95.5	24.7 29.5	5050 5050	1N/06E-11K01M	17.0	2-27-67	74.0	-57.0	4701						
5N/08E-24Q11M	257.2	10-11-66 3-02-67 (3)	171.8 166.1	85.4 91.1	8201 8201	1N/06E-12C03M	21.0	2-27-67	(7)	4701							
5N/08E-25P11M	265.7	10-11-66 1-11-67	197.0 197.4	68.7 68.3	8201 8201	1N/06E-12J01M	22.5	10-24-66 11-28-66 1-27-66 2-28-67 3-27-67 4-25-67 5-24-67 6-26-67 7-25-67 8-28-67 9-25-67	90.0 87.3 84.5 53.4 51.6 50.6 51.5 52.4 53.3 55.3 55.8	-67.5 -64.8 -62.0 -39.1 -37.3 -36.3 -37.2 -38.1 -39.0 -41.0 -41.5	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050						
5N/08E-31R01M	137.0	10-06-66 10-21-66 3-09-67	(1) (1) 124.5	5110 5050 12.5	5110 5110 5110	1N/06E-15N02M	5.0	10-03-66 3-07-67	34.3 22.2	-29.3 -17.2	5050 5050						

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
CALAVERAS RIVER AREA 5-22.02											
1N/06E-12J01M CONT.	22.5	6-26-67 7-25-67 8-28-67 9-25-67	81.1 82.8 86.4 88.2	-58.6 -60.3 -63.9 -65.7	5050 5050 5050 5050	1N/06E-14Q03M	14.3	10-30-66 11-28-66 12-27-66 1-25-67 2-28-67 3-27-67 4-25-67 5-24-67 6-26-67 7-25-67 8-28-67 9-25-67	58.3 55.9 54.4 53.4 51.6 50.6 51.5 52.4 53.3 55.3 55.8	-44.0 -41.6 -40.1 -39.1 -37.3 -36.3 -37.2 -38.1 -39.0 -41.0 -41.5	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
1N/06E-12N01M	19.0	2-27-67	78.0	-59.0	4701	1N/06E-15N02M	5.0	10-03-66 3-07-67	34.3 22.2	-29.3 -17.2	5050 5050
1N/06E-13J01M	20.0	2-27-67	74.0	-54.0	4701	1N/06E-16H01M	4.0	10-03-66 3-07-67	40.5 27.7	-36.5 -23.7	5050 5050
1N/06E-14Q03M	14.3	10-30-66 11-28-66 12-27-66 1-25-67 2-28-67 3-27-67 4-25-67 5-24-67 6-26-67 7-25-67 8-28-67 9-25-67	58.3 55.9 54.4 53.4 51.6 50.6 50.6 49.9 51.5 52.4 53.3 55.3 55.8	-44.0 -41.6 -40.1 -39.1 -37.3 -36.3 -37.2 -38.1 -39.0 -41.0 -41.5 -41.5	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	1N/06E-17A01M	4.0	10-03-66 3-07-67	15.3 9.9	-11.3 -5.9	5050 5050
1N/06E-15N02M	5.0	10-03-66 3-07-67	34.3 22.2	-29.3 -17.2	5050 5050	1N/06E-23D01M	9.0	10-03-66 3-07-67	41.2 34.7	-32.2 -25.7	5050 5050
1N/06E-16H01M	4.0	10-03-66 3-07-67	40.5 27.7	-36.5 -23.7	5050 5050	1N/06E-23D02M	9.0	3-07-67	34.8	-25.8	5050
1N/06E-17A01M	4.0	10-03-66 3-07-67	15.3 9.9	-11.3 -5.9	5050 5050	1N/07E-01M01M	54.2	10-04-66 3-08-67	(1) 80.4	-26.2	5110 5110
1N/06E-23D01M	9.0	10-03-66 3-07-67	41.2 34.7	-32.2 -25.7	5050 5050	1N/07E-04P03M	35.4	10-04-66 3-08-67	87.4 76.4	-52.0 -41.0	5110 5110
1N/06E-23D02M	9.0	3-07-67	34.8	-25.8	5050	1N/07E-05A01M	33.0	2-27-67	70.0	-37.0	4701
1N/07E-01M01M	54.2	10-04-66 3-08-67	(1) 80.4	-26.2	5110 5110	1N/07E-05N01M	28.0	2-27-67	84.0	-56.0	4701
1N/07E-04P03M	35.4	10-04-66 3-08-67	87.4 76.4	-52.0 -41.0	5110 5110	1N/07E-07E01M	25.0	2-27-67	71.0	-46.0	4701
1N/07E-05A01M	33.0	2-27-67	70.0	-37.0	4701	1N/07E-07F01M	25.8	10-31-66 5-03-67	89.7 82.4	-63.9 -56.6	4203 4203
1N/07E-05A01M	33.0	2-27-67	70.0	-37.0	4701	1N/07E-08R02M	31.5	10-04-66 3-08-67	84.5 81.5	-53.0 -50.0	5110 5110

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA				
CALAVERAS RIVER AREA 5-22-02															
1N/07E-18B01M	26.0	2-27-67	85.0	-59.0	5110	2N/07E-05R01M	46.0	10-05-66 3-08-67	78.4 61.5	-32.4 -15.5	5110 5110				
1N/08E-02J01M	86.0	10-04-66 3-07-67	111.1 97.2	-25.1 -11.2	5050 5050	2N/07E-06L03M	37.0	10-01-66 3-01-67	50.7 45.3	-13.7 -0.3	5110 5110				
1N/08E-03P01M	80.0	10-03-66 3-06-67	110.0 97.6	-30.0 -17.6	5110 5110	2N/07E-06P02M	36.0	10-01-66 3-01-67	49.3 43.6	-13.3 -7.6	5110 5110				
1N/08E-05J01M	71.0	10-03-66 3-06-67	115.1 93.8	-44.1 -22.8	5110 5110	2N/07E-07C03M	36.0	10-01-66 3-01-67	46.9 45.1	-10.9 -9.1	5110 5110				
1N/09E-01C01M	191.0	10-03-66 3-06-67	(1) 141.5	49.5	5110	2N/07E-07J05M	37.0	10-01-66 3-01-67	62.3 54.7	-25.3 -17.7	5110 5110				
1N/09E-02D01M	156.0	10-04-66 3-07-67	110.6 111.8	45.4 44.2	5050 5050	2N/07E-07K04M	36.0	10-01-66 3-01-67	58.4 52.0	-22.4 -16.0	5110 5110				
1N/09E-05B01M	140.0	10-04-66 3-07-67	129.9 127.9	10.1 12.1	5050 5050	2N/07E-07R05M	37.0	10-05-66 3-08-67	58.0 51.7	-21.0 -14.7	5110 5110				
1N/09E-05J01M	153.0	10-03-66 3-06-67	(1) (7)		5110 5110	2N/07E-08D01M	42.0	10-05-66 3-08-67	64.6 53.8	-22.6 -11.8	5110 5110				
1N/09E-06B01M	136.0	10-04-66 3-07-67	(1) 132.3	3.7	5050	2N/07E-08K03M	44.5	10-05-66 3-08-67	69.9 62.0	-25.4 -17.5	5110 5110				
1N/09E-06N01M	118.5	10-03-66 3-06-67	(1) 123.5	-5.0	5110	2N/07E-08R01M	46.0	10-24-66 11-28-66 12-27-66 1-25-67 2-23-67 3-27-67 4-25-67 5-24-67	74.1 73.0 68.3 66.6 65.3 64.2 64.3 (1)	-28.1 -27.0 -22.3 -20.6 -19.3 -18.2 -18.3 -16.4	5050 5050 5050 5050 5050 5050 5050 5050				
2N/06E-33N01M	4.0	2-27-67	32.0	-28.0	4701	2N/06E-34K02M	12.0	2-27-67	53.0	4701	6-26-67	67.4	-21.4	5050	
2N/06E-36A01M	26.0	2-27-67	59.0	-33.0	4701	2N/06E-36D01M	22.0	2-27-67	61.0	4701	7-25-67	66.6	-20.6	5050	
2N/06E-36R03M	24.0	2-27-67	73.0	-49.0	4701	2N/07E-03N03M	55.2	10-04-66 3-08-67	67.4 64.6	-12.2 -9.4	5110 5110	8-28-67	68.7	-22.7	5050
2N/07E-05E01M	41.1	10-05-66 3-09-67	61.1 51.1	-20.0 -10.0	5110 5110	2N/07E-09B02M	54.0	10-05-66 3-08-67	77.1 68.4	-23.1 -14.4	5110 5110	9-25-67	68.6	-22.6	5050
CALAVERAS RIVER AREA 5-22-02															
2N/07E-12A01M	72.2	10-05-66 3-08-67	90.5 82.0	-18.3 -9.8	5110	2N/07E-26N01M	50.3	10-05-66 3-08-67	95.0 84.0	-44.7 -33.7	5110 5110				
2N/07E-12A03M	72.2	10-25-66 11-28-66 12-27-66 1-25-67 2-24-67 3-28-67 4-25-67 5-25-67 6-30-67 7-25-67 8-28-67 9-25-67	88.3 86.1 86.6 83.6 81.9 80.8 79.9 85.2 102.6 98.8 100.9 89.2	-16.1 -13.9 -12.4 -11.4 -9.7 -8.6 -7.7 -13.0 -30.4 -26.6 -28.7 -17.0	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	2N/07E-27D01M	46.7	10-05-66 3-08-67	97.7 77.7	-51.0 -31.0	5110 5110				
2N/07E-14P01M	57.3	10-05-66 3-08-67	90.8 82.8	-33.5 -25.5	5110	2N/07E-28N04M	38.0	10-05-66 3-08-67	80.0 72.0	-42.0 -34.0	5110 5110				
2N/07E-15C01M	51.7	10-05-66 3-08-67	85.0 72.6	-33.3 -20.9	5110	2N/07E-30E01M	28.0	10-05-66 3-07-67	66.3 57.5	-38.3 -29.5	5110 5110				
2N/07E-16L01M	46.2	10-05-66 3-08-67	77.5 69.5	-31.3 -23.3	5110	2N/07E-32R01M	32.0	10-05-66 3-08-67	82.1 73.6	-50.1 -41.6	5110 5110				
2N/07E-18B01M	34.0	10-01-66 3-01-67	53.1 50.4	-19.1 -16.4	5110	2N/07E-33H01M	41.0	10-05-66 3-08-67	85.0 87.0	-44.0 -46.0	5110 5110				
2N/07E-18F01M	33.3	4-14-67	43.2	-9.9	5050	2N/07E-35L01M	49.8	10-04-66 3-08-67	(1) 80.9	-31.1	5110				
2N/07E-18H02M	36.0	10-01-66 3-01-67	61.1 56.8	-25.1 -20.8	5110	2N/07E-36H01M	58.7	10-04-66 3-08-67	97.7 82.7	-39.0 -24.0	5110 5110				
2N/07E-18K01M	36.5	10-05-66 3-08-67	51.0 51.5	-14.5 -15.0	5110	2N/07E-36P02M	54.0	10-24-66 11-28-66 12-27-66 1-25-67 2-24-67 3-27-67 4-25-67 5-24-67 6-27-67 7-25-67 8-28-67 9-25-67	90.0 87.1 85.3 83.6 81.2 80.0 77.7 78.7 84.4 89.3 93.1 96.2	-36.0 -33.1 -31.3 -29.6 -27.2 -26.0 -23.7 -24.7 -30.4 -35.3 -39.1 -42.2	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050				
2N/07E-20N02M	35.0	10-05-66 3-08-67	67.1 61.7	-32.1 -26.7	5110	2N/08E-03G02M	108.8	10-04-66 3-09-67	118.5 109.5	-9.7 -0.7	5110 5110				
2N/07E-23J02M	59.6	10-05-66 3-08-67	98.2 86.7	-38.6 -27.1	5110	2N/08E-04C01M	92.0	10-04-66 3-09-67	108.5 97.5	-16.5 -5.5	5110 5110				
2N/07E-24B01M	65.4	10-05-66 3-08-67	94.5 82.0	-29.1 -16.6	5110	2N/08E-08N01M	76.7	10-05-66 3-08-67	96.2 86.3	-19.5 -9.6	5110 5110				

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
CALAVERAS RIVER AREA 5-22-02											
2N/07E-12A01M	72.2	10-05-66 3-08-67	90.5 82.0	-18.3 -9.8	5110	2N/07E-26N01M	50.3	10-05-66 3-08-67	95.0 84.0	-44.7 -33.7	5110 5110
2N/07E-12A03M	72.2	10-25-66 11-28-66 12-27-66 1-25-67 2-24-67 3-28-67 4-25-67 5-25-67 6-30-67 7-25-67 8-28-67 9-25-67	88.3 86.1 86.6 83.6 81.9 80.8 79.9 85.2 102.6 98.8 100.9 89.2	-16.1 -13.9 -12.4 -11.4 -9.7 -8.6 -7.7 -13.0 -30.4 -26.6 -28.7 -17.0	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	2N/07E-27D01M	46.7	10-05-66 3-08-67	97.7 77.7	-51.0 -31.0	5110 5110
2N/07E-14P01M	57.3	10-05-66 3-08-67	90.8 82.8	-33.5 -25.5	5110	2N/07E-28N04M	38.0	10-05-66 3-08-67	80.0 72.0	-42.0 -34.0	5110 5110
2N/07E-15C01M	51.7	10-05-66 3-08-67	85.0 72.6	-33.3 -20.9	5110	2N/07E-30E01M	28.0	10-05-66 3-07-67	66.3 57.5	-38.3 -29.5	5110 5110
2N/07E-16L01M	46.2	10-05-66 3-08-67	77.5 69.5	-31.3 -23.3	5110	2N/07E-32R01M	32.0	10-05-66 3-08-67	82.1 73.6	-50.1 -41.6	5110 5110
2N/07E-18B01M	34.0	10-01-66 3-01-67	53.1 50.4	-19.1 -16.4	5110	2N/07E-33H01M	41.0	10-05-66 3-08-67	85.0 87.0	-44.0 -46.0	5110 5110
2N/07E-18F01M	33.3	4-14-67	43.2	-9.9	5050	2N/07E-35L01M	49.8	10-04-66 3-08-67	(1) 80.9	-31.1	5110
2N/07E-18H02M	36.0	10-01-66 3-01-67	61.1 56.8	-25.1 -20.8	5110	2N/07E-36H01M	58.7	10-04-66 3-08-67	97.7 82.7	-39.0 -24.0	5110 5110
2N/07E-18K01M	36.5	10-05-66 3-08-67	51.0 51.5	-14.5 -15.0	5110	2N/07E-36P02M	54.0	10-24-66 11-28-66 12-27-66 1-25-67 2-24-67 3-27-67 4-25-67 5-24-67 6-27-67 7-25-67 8-28-67 9-25-67	90.0 87.1 85.3 83.6 81.2 80.0 77.7 78.7 84.4 89.3 93.1 96.2	-36.0 -33.1 -31.3 -29.6 -27.2 -26.0 -23.7 -24.7 -30.4 -35.3 -39.1 -42.2	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
2N/07E-20N02M	35.0	10-05-66 3-08-67	67.1 61.7	-32.1 -26.7	5110	2N/08E-03G02M	108.8	10-04-66 3-09-67	118.5 109.5	-9.7 -0.7	5110 5110
2N/07E-23J02M	59.6	10-05-66 3-08-67	98.2 86.7	-38.6 -27.1	5110	2N/08E-04C01M	92.0	10-04-66 3-09-67	108.5 97.5	-16.5 -5.5	5110 5110
2N/07E-24B01M	65.4	10-05-66 3-08-67	94.5 82.0	-29.1 -16.6	5110	2N/08E-08N01M	76.7	10-05-66 3-08-67	96.2 86.3	-19.5 -9.6	5110 5110

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
CALAVERAS RIVER AREA 5-22.02											
2N/08E-09C02M	87.0	10-05-66 3-08-67	105.7 95.1	-18.7 -8.1	5110 5110	2N/08E-30H01M	69.4	10-04-66 3-08-67	(3) 97.9	-28.5	5110 5110
2N/08E-10H02M	105.4	10-05-66 3-08-67	116.8 108.4	-11.4 -3.0	5110 5110	2N/08E-32L02M	69.5	10-04-66 10-21-66 3-08-67	(3) 99.1 90.7	-29.6 -21.2	5110 5050 5110
2N/08E-11B01M	106.0	10-05-66 3-08-67	107.8 102.6	-1.8 3.4	5110 5110	2N/08E-33E01M	75.0	10-04-66 3-08-67	(3) 91.0	-16.0	5110 5110
2N/08E-12C02M	109.3	10-07-66 3-07-67	108.5 103.5	0.8 5.8	5110 5110	2N/08E-34E01M	82.6	10-06-66 3-06-67	110.4 98.9	-27.8 -16.3	5110 5110
2N/08E-13K01M	105.6	10-06-66 3-07-67	115.2 117.2	-9.6 -11.6	5110 5110	2N/08E-36L01M	97.2	10-24-66 11-29-66 12-27-66 1-25-67 2-23-67 3-27-67 4-25-67 5-24-67 6-26-67 7-26-67 8-28-67 9-25-67	112.0 109.7 108.0 106.4 104.5 103.0 102.0 101.9 105.4 107.9 111.0 111.7	-14.8 -12.5 -10.8 -9.2 -7.3 -5.8 -4.8 -4.7 -8.2 -10.7 -13.8 -14.5	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
2N/08E-14C01M	94.4	10-07-66 3-07-67	106.9 97.4	-12.5 -3.0	5110 5110	2N/09E-03A01M	150.0	10-06-66 3-07-67	58.4 55.9	91.6 94.1	5110 5110
2N/08E-15M02M	84.9	10-07-66 3-07-67	(3) 94.3	-9.4	5110 5110	2N/09E-04H01M	158.1	10-07-66 3-07-67	81.5 84.0	76.6 74.1	5110 5110
2N/08E-16D01M	80.5	10-05-66 3-08-67	99.1 92.1	-18.6 -11.6	5110 5110	2N/09E-05H01M	132.2	10-06-66 3-07-67	108.0 (3)	24.2	5110 5110
2N/08E-18C01M	68.9	10-05-66 3-08-67	90.4 81.2	-21.5 -12.3	5110 5110	2N/09E-05L02M	130.0	10-07-66 10-25-66 11-28-66 12-27-66	106.0 105.4 104.3 104.6	24.0 24.6 25.7 25.4	5110 5050 5050 5050
2N/08E-19C03M	67.3	10-05-66 3-08-67	94.9 85.9	-27.6 -18.6	5110 5110	2N/09E-11M01M	137.5	10-07-66 1-09-67	DRY 65.8	71.7	8201 8201
2N/08E-19P02M	69.2	10-04-66 3-08-67	(1) 91.0	-21.8	5110 5110	3N/08E-11M11M	139.9	10-07-66 1-13-67	128.8 127.2	11.1 12.7	8201 8201
2N/08E-20F01M	73.0	10-04-66 3-08-67	(1) 90.3	-17.3	5110 5110	3N/08E-11N02M	156.0	10-04-66 3-09-67	164.9 (6) 184.0	-8.9 -28.0	5110 5110
2N/08E-21R01M	79.9	10-07-66 3-08-67	107.6 91.6	-27.7 -11.7	5110 5110	3N/08E-12P11M	181.7	10-07-66 1-09-67	163.4 163.3	18.3 18.4	8201 8201
2N/08E-24P01M	126.0	10-03-66 3-07-67	(1) 129.4	-3.4	5110 5110	3N/08E-23F11M	173.1	10-07-66 1-09-67	169.6 168.2	3.5 4.9	8201 8201
2N/08E-25P01M	101.0	10-03-66 3-06-67	115.0 107.0	-14.0 -6.0	5110 5110	3N/08E-26Q01M	130.0	10-25-66 11-29-66 12-27-66 1-25-67 2-23-67 3-27-67 4-25-67 5-24-67 6-26-67 7-26-67 8-28-67 9-25-67	129.5 128.3 127.5 126.9 126.0 125.4 125.1 125.2 126.4 128.0 129.4 129.8	0.5 1.7 2.5 3.1 4.0 4.6 4.9 4.8 3.6 2.0 0.6 0.2	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
CALAVERAS RIVER AREA 5-22.02											
2N/09E-05L02M CONT.	130.0	5-25-67 6-27-67 7-26-67 8-29-67 9-26-67	102.8 104.0 104.5 106.0 105.4	27.2 29.0 25.5 24.0 24.6	5050 5050 5050 5050 5050	3N/07E-36D01M	67.7	10-04-66 3-08-67	87.2 72.1	-19.5 -14.4	5110 5110
2N/09E-05N01M	126.1	10-06-66 3-07-67	108.1 108.1	18.0 18.0	5110 5110	3N/07E-36K02M	74.5	10-04-66 3-08-67	84.1 (1)	-9.6	5110 5110
2N/09E-07G02M	117.5	10-07-66 3-07-67	110.5 104.5	7.0 15.0	5110 5110	3N/08E-11M01M	137.5	10-07-66 1-09-67	DRY 65.8	71.7	8201 8201
2N/09E-08N01M	145.0	10-06-66 3-07-67	(4) 147.0 148.6	-2.0 -1.0	5110 5110	3N/08E-11M11M	139.9	10-07-66 1-13-67	128.8 127.2	11.1 12.7	8201 8201
2N/09E-09D01M	132.8	10-06-66 3-07-67	104.6 107.6	28.2 25.2	5110 5110	3N/08E-11N02M	156.0	10-04-66 3-09-67	164.9 (6) 184.0	-8.9 -28.0	5110 5110
2N/09E-11A01M	253.0	10-07-66 3-07-67 5-25-67	(2) (2) 162.9	5110 5110 90.1	5050 5050 5050	3N/08E-12P11M	181.7	10-07-66 1-09-67	163.4 163.3	18.3 18.4	8201 8201
2N/09E-17C01M	192.0	10-06-66 3-07-67	(3) 176.4	15.6	5110 5110	3N/08E-23F11M	173.1	10-07-66 1-09-67	169.6 168.2	3.5 4.9	8201 8201
2N/09E-18Q01M	114.7	10-06-66 3-07-67	123.7 123.7	-9.0 -9.0	5110 5110	3N/08E-26Q01M	130.0	10-25-66 11-29-66 12-27-66 1-25-67 2-23-67 3-27-67 4-25-67 5-24-67 6-26-67 7-26-67 8-28-67 9-25-67	129.5 128.3 127.5 126.9 126.0 125.4 125.1 125.2 126.4 128.0 129.4 129.8	0.5 1.7 2.5 3.1 4.0 4.6 4.9 4.8 3.6 2.0 0.6 0.2	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
2N/09E-22B01M	171.0	10-04-66 3-07-67	119.3 119.8	51.7 51.2	5050 5050	3N/08E-27R01M	124.0	10-04-66 3-09-67	130.9 131.7	-6.9 -7.7	5110 5110
2N/09E-28N01M	175.0	10-03-66 3-06-67	155.7 156.2	19.3 18.8	5110 5110	3N/08E-32F01M	85.0	10-04-66 3-09-67	104.9 95.9	-19.9 -10.9	5110 5110
2N/09E-32D01M	150.0	10-04-66 3-07-67	147.1 144.0	2.9 6.0	5050 5050	3N/08E-32P01M	85.0	10-04-66 3-09-67	104.9 95.9	-19.9 -10.9	5110 5110
3N/07E-33C01M	52.0	10-05-66 3-08-67	75.5 64.7	-23.5 -12.7	5110 5110	3N/08E-32P01M	85.0	10-04-66 3-09-67	104.9 95.9	-19.9 -10.9	5110 5110
3N/07E-35C02M	61.2	10-04-66 3-08-67	79.2 68.1	-18.0 -6.9	5110 5110	3N/09E-05D01M	280.0	10-06-66 3-09-67	244.0 243.9	36.0 36.1	5110 5110
3N/07E-35L01M	64.0	10-04-66 3-08-67	79.4 73.5	-15.4 -9.5	5110 5110	3N/09E-25R01M	169.8	10-07-66 3-07-67	50.3 47.8	119.5 122.0	5110 5110

TABLE C.2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
CALAVERAS RIVER AREA 5-22.02												
3N/09E-31C01M	192.0	10-07-66 3-07-67	(9) 17.2	17.8	5110 5050	1N/07E-14L01M	47.0	10-04-66 3-07-67	89.8 80.7	-42.8 -33.7	5050 5050	
3N/09E-33J01M	140.0	10-05-66 3-07-67	80.9 73.9	59.1 66.1	5110 5110	1N/07E-15M02M	38.0	9-19-67	81.5	-43.5	5050	
3N/09E-36G01M	180.4	10-07-66 3-07-67	71.2 73.2	109.2 107.2	5110 5110	1N/07E-19R01M	24.0	10-04-66 3-07-67	{3} {3}	5110 5110		
FARMINGTON-COLLEGEVILLE AREA 5-22.03												
1N/06E-23J01M	11.8	10-03-66 3-06-67	28.5 (3)	-16.7	5110 5110	1N/07E-20G01M	29.0	5-16-67	69.3	-40.3	5050	
1N/06E-24B01M	17.0	10-04-66 3-07-67	{1} 59.4	-42.4	5050 5050	1N/07E-21R01M	37.0	10-04-66 3-07-67 3-27-67	(9) (9) 70.9	5110 5110 -33.9	5050	
1N/06E-25H02M	19.0	10-04-66 3-07-67	59.9 52.4	-40.9 -33.4	5050 5050	1N/07E-23H02M	51.0	10-24-66 11-28-66 12-27-66 1-25-67 2-23-67 3-27-67 4-25-67 5-24-67 6-26-67 7-25-67 8-28-67 9-25-67	89.8 88.1 86.7 85.4 83.9 82.8 81.7 81.5 85.6 86.8 90.9 91.6	-38.8 -37.1 -35.7 -34.4 -32.9 -31.9 -30.7 -30.5 -34.6 -35.8 -39.9 -40.6	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	
1N/06E-26A02M	13.0	10-24-66 11-28-66 12-27-66 1-25-67 2-23-67 3-27-67 4-25-67 5-24-67 6-26-67 7-25-67 8-28-67 9-25-67	42.8 41.4 40.3 39.3 36.6 35.9 34.8 36.4 37.1 38.5 40.2 40.7	-29.8 -28.4 -27.3 -26.3 -23.6 -22.9 -21.8 -23.4 -24.1 -25.5 -27.2 -27.7	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	1N/07E-24R01M	57.0	10-03-66 3-07-67	{3}	115.3	-58.3	5110 5110
1N/06E-35A02M	16.0	10-03-66 3-06-67	45.5 31.0	-29.5 -15.0	5110 5110	1N/07E-27H02M	44.0	10-04-66 3-07-67	93.0 83.0	-49.0 -39.0	5110 5110	
1N/07E-11E01M	48.6	10-03-66 3-06-67	93.0 81.5	-44.4 -32.9	5110 5110	1N/07E-28R01M	36.0	10-03-66 3-07-67	75.7 65.1	-39.7 -29.1	5050 5050	
1N/07E-12Q01M	54.4	10-03-66 3-06-67	94.0 87.0	-39.6 -32.6	5110 5110	1N/07E-31L01M	21.0	10-04-66 3-07-67	36.9 33.1	-15.9 -12.1	5050 5050	
1N/07E-13E01M	51.0	10-03-66 3-07-67	DRY DRY		5110 5110	1N/07E-32A01M	29.5	9-20-67	61.5	-32.0	5050	
						1N/07E-35H01M	49.1	10-04-66 3-07-67	93.1 83.6	-44.0 -34.5	5110 5110	

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
FARMINGTON-COLLEGEVILLE AREA 5-22.03											
1N/08E-13J01M	94.8	10-03-66 3-06-67	114.0 96.5	-19.2 -1.7	5110 5110	1N/08E-30M01M	57.0	10-04-66 3-07-67	91.2 83.9	-34.2 -26.9	5050 5050
1N/08E-13P02M	90.5	10-03-66 10-24-66 11-28-66 12-27-66 1-25-67 2-24-67 3-06-67 3-27-67 4-25-67 5-24-67 6-27-67 7-25-67 8-28-67 9-25-67	115.4 109.5 104.4 101.6 99.6 96.8 96.4 95.1 93.4 97.2 109.4 112.5 115.3 114.2	-24.9 -19.0 -13.9 -11.1 -9.1 -6.3 -5.9 -4.6 -2.9 -6.7 -18.9 -22.0 -24.8 -23.7	5110 5050 5050 5050 5050 5050 5110 5050 5050 5050 5050 5050 5050 5050	1N/08E-33H01M	71.6	10-03-66 3-07-67	99.4 86.0	-27.8 -14.4	5110 5110
						1N/08E-33J01M	72.0	10-03-66 3-07-67	100.2 85.2	-28.2 -13.2	5110 5110
						1N/08E-35R02M	82.0	10-04-66 3-07-67	96.2 82.4	-14.2 -0.4	5110 5110
						1N/08E-36F01M	87.0	10-04-66 3-07-67	99.0 85.2	-12.0 1.8	5110 5110
						1N/09E-13D01M	142.0	10-03-66 3-06-67	{1} 94.7	47.3	5110 5110
1N/08E-17D01M	68.7	10-03-66 3-06-67	106.5 95.0	-37.8 -26.3	5110 5110	1N/09E-15B02M	120.0	10-03-66 3-06-67	91.0 91.5	29.0 28.5	5110 5110
1N/08E-19B01M	62.2	10-03-66 3-07-67	99.8 92.1	-37.6 -29.9	5110 5110	1N/09E-17D01M	103.0	10-03-66 3-06-67	108.5 96.5	-5.5 6.5	5110 5110
1N/08E-21M01M	71.0	10-04-66 3-07-67	107.6 94.0	-36.6 -23.0	5050 5050	1N/09E-17M01M	102.2	10-03-66 3-06-67	102.2 96.2	0.0 6.0	5110 5110
1N/08E-22B01M	.80.5	10-03-66 3-06-67	113.9 97.4	-33.4 -16.9	5110 5110	1N/09E-19C01M	98.5	10-03-66 3-06-67	113.0 98.0	-14.5 0.5	5110 5110
1N/08E-23J01M	88.7	10-04-66 3-07-67	{7} 101.1	-12.4	5110 5110	1N/09E-22G02M	118.0	10-03-66 3-06-67	92.4 94.9	25.6 23.1	5110 5110
1N/08E-26A02M	88.7	10-04-66 3-07-67	110.0 96.0	-21.3 -7.3	5110 5110	1N/09E-23Q01M	125.0	10-03-66 10-24-66 11-28-66 12-27-66 1-25-67 2-24-67	86.5 87.2 83.9 83.6 83.0 81.9	38.5 37.8 41.1 41.4 42.0 43.1	5110 5050 5050 5050 5050 5050
1N/08E-27R02M	78.0	10-03-66 3-07-67	106.4 96.6	-28.4 -12.6	5110 5110			3-26-67 3-27-67 4-25-67 5-24-67 6-27-67	82.3 81.4 81.1 85.7 88.2	42.7 43.6 43.9 39.3 36.8	5110 5050 5050 5050 5050
1N/08E-28K01M	71.0	10-04-66 3-07-67	103.1 87.6	-32.1 -16.6	5050 5050						
1N/08E-29M02M	64.1	10-03-66 3-07-67	99.1 90.8	-35.0 -26.7	5110 5110						

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
FARMINGTON-COLLEGEVILLE AREA 5-22-03												
1N/09E-23Q01M CONT.	125.0	7-25-67 8-28-67 9-25-67	(2)	89.5 90.8 87.8	35.5 34.2 37.2	5050 5050 5050	1S/07E-10A01M CONT.	41.0	6-26-67 7-25-67 8-28-67 9-25-67	48.7 52.8 55.9 55.1	-7.7 -11.8 -14.9 -14.1	5050 5050 5050 5050
1N/09E-29A01M	106.5	10-04-66 3-07-67	(1)	87.0	19.5	5110	1S/07E-12H01M	51.0	10-04-66 3-07-67	88.0 59.0	-37.0 -8.0	5110 5110
1N/09E-30C05M	96.0	10-04-66 3-07-67	106.7 91.0	-10.7 5.0	5110	1S/07E-13J01M	48.0	10-03-66 3-06-67	(1) 38.0	10.0	5110 5110	
1N/09E-32J01M	107.5	10-04-66 3-07-67	102.0 82.9	5.5 24.6	5110	1S/07E-14P02M	44.5	10-03-66 3-06-67	23.5 22.5	21.0 22.0	5110 5110	
1N/09E-33P01M	117.3	10-04-66 3-07-67	(8)	88.5	28.8	5110	1S/07E-15F01M	40.0	10-03-66 3-06-67	22.5 (3)	17.5	5110 5110
1N/09E-36P01M	147.2	10-04-66 3-07-67	(1)	96.2	51.0	5110	1S/08E-06D01M	55.4	10-04-66 3-07-67	95.0 72.5	-39.6 -17.1	5110 5110
1S/07E-01J01M	53.4	10-04-66 3-07-67	82.0 72.0	-28.6 -18.6	5110	1S/08E-08J01M	62.7	10-24-66 11-28-66 12-27-66 1-25-67 2-23-67 3-27-67 4-25-67 5-24-67	75.1 72.7 71.3 70.1 68.7 67.3 66.1 65.8	-12.4 -10.0 -8.6 -7.4 -6.0 -4.6 -3.4 -3.1	5050 5050 5050 5050 5050 5050 5050 5050	
1S/07E-03A01M	43.1	10-04-66 3-07-67	76.0 71.0	-32.9 -27.9	5110	1S/07E-05A01M	28.9	10-03-66 3-10-67	(1) 40.4	-11.5	5110	
1S/07E-05A01M	28.9	10-03-66 3-10-67	(1) 40.4	-11.5	5110	1S/07E-06M02M	23.5	10-03-66 3-06-67	23.0 25.5	0.5 -2.0	5110	
1S/07E-08J02M	30.9	10-03-66 3-06-67	22.9 21.9	8.0 9.0	5110	1S/07E-08J02M	30.9	10-03-66 3-06-67	22.9 21.9	8.0 9.0	5110	
1S/07E-10A01M	41.0	10-04-66 10-24-66 11-28-66 12-27-66 1-25-67 2-23-67 3-07-67 3-27-67 4-25-67 5-24-67	60.9 55.2 55.0 72.3 71.0 69.4 68.5 67.8 67.3 66.9 70.9 72.4 76.0 76.3	-19.9 -14.2 -14.0 1.2 2.5 4.1 5.0 5.7 6.2 6.6 2.6 1.1 -2.5 -2.8	5110 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	1S/08E-09A01M	71.0	10-04-66 3-07-67	85.5 74.0	-14.5 -3.0	5110 5110	
						1S/08E-11F01M	80.0	10-04-66 3-07-67	87.0 76.2	-7.0 3.8	5110 5110	

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	
FARMINGTON-COLLEGEVILLE AREA 5-22-03												
1S/08E-15A01M	73.5	10-04-66 10-24-66 11-28-66 12-27-66 1-25-67 2-23-67 3-07-67 3-27-67 4-25-67 5-24-67	76.5 75.4 73.7 72.3 71.0 69.4 68.5 67.8 67.3 66.9	-3.0 -1.9 -0.2 1.2 2.5 4.1 5.0 5.7 6.2 6.6	5110 5050 5050 5050 5050 5050 5050 5050 5050 5050	1S/06E-24H02M	23.0	10-03-66 3-06-67	(1) (1)	12.1 11.0	10.9 12.0	5050 5050
1S/08E-21A01M	66.8	10-04-66 10-21-66 3-06-67	DRY 57.4 52.5	9.4 14.3	5110 5050 5110	1S/07E-17N02M	30.0	10-03-66 3-06-67	7.1 10.9	22.9 19.1	5050 5050	
1S/08E-29H01M	62.5	10-04-66 3-06-67	35.3 31.8	27.2 30.7	5110	1S/07E-23N01M	45.0	10-03-66 3-06-67	11.7 15.7	33.3 29.3	5050 5050	
1S/08E-30C01M	52.0	10-03-66 3-06-67	28.0 28.0	24.0 24.0	5110	1S/07E-25R01M	56.0	10-03-66 3-06-67	19.1 20.7	36.9 35.3	5050 5050	
1S/09E-02D01M	146.0	10-04-66 3-07-67	107.0 96.4	39.0 49.6	5110	1S/07E-28D01M	34.0	10-24-66 11-28-66 12-27-66 1-25-67 2-23-67 3-27-67 4-25-67 5-24-67 6-26-67 7-25-67 8-28-67 9-25-67	7.4 7.8 7.4 6.9 6.5 7.1 7.1 7.1 7.0 6.8 6.7 6.5	26.6 26.2 26.5 27.1 27.5 26.9 26.9 26.9 27.0 27.0 27.3 27.5	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	
1S/09E-02R01M	162.0	10-04-66 3-07-67	109.7 100.7	52.3 61.3	5110	1S/07E-29N02M	30.0	10-03-66 3-06-67	8.2 7.1	21.8 22.9	5050 5050	
1S/09E-05R01M	105.7	10-04-66 3-07-67 3-27-67	85.0 (1) 80.5	20.7 25.2	5110 5110 5050	1S/07E-35Q01M	49.0	10-03-66 3-06-67	7.2 7.4	41.8 41.6	5050 5050	
1S/09E-07N01M	96.2	10-04-66 3-07-67	86.3 72.5	9.9 23.7	5110	1S/08E-25Q01M	90.5	10-04-66 3-07-67	43.0 42.1	47.5 48.4	5110 5110	
1S/09E-09R01M	127.6	10-04-66 3-07-67	88.0 80.5	39.6 47.1	5110	1S/08E-27A01M	75.0	10-03-66 3-06-67	49.1 46.2	25.9 28.8	5050 5050	
1S/09E-18R03M	103.8	10-04-66 3-07-67	84.3 67.8	19.5 36.0	5110	1S/08E-33N01M	67.0	10-24-66 11-28-66 12-27-66 1-25-67 2-23-67 3-27-67 4-25-67 5-24-67 6-26-67	26.7 26.7 26.7 26.7 26.5 26.5 26.6 26.7 26.7	40.3 40.3 40.3 40.3 40.5 40.5 40.5 40.3 40.3	5050 5050 5050 5050 5050 5050 5050 5050 5050	
1S/09E-19Q01M	97.5	10-04-66 3-07-67	56.7 54.0	40.8 43.5	5110							

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SOUTH SAN JOAQUIN IRRIGATION DISTRICT 5-22.05											
1S/08E-33N01M CONT.	67.0	7-25-67 8-28-67 9-25-67	27.9 28.0 27.2	39.1 39.0 39.8	5050 5050 5050	2S/07E-12R02M	55.0	10-24-66 11-28-66 12-27-66 1-25-67 2-28-67 3-27-67 4-25-67 5-24-67 6-26-67 7-25-67 8-28-67 9-25-67	13.6 13.7 13.6 13.4 12.9 12.8 12.8 13.0 13.0 13.5 14.0 14.3	41.4 41.3 41.4 41.6 42.1 42.2 42.2 42.0 42.0 41.5 41.0 40.7	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
1S/08E-35R02M	88.0	10-03-66 3-06-67	35.4 36.5	52.6 51.5	5050 5050	2S/07E-20N01M	29.0	10-03-66	(6)		5050
2S/06E-13G01M	22.0	10-03-66 3-06-67	4.1 6.7	17.9 15.3	5050 5050	2S/07E-22J01M	44.0	10-03-66 3-06-67	11.1 7.8	32.9 36.2	5050 5050
2S/07E-07Q01M	28.0	10-03-66 3-06-67	5.9 3.8	22.1 24.2	5050 5050	2S/07E-25C01M	56.0	10-24-66 11-28-66 12-27-66 1-25-67 2-23-67	18.1 18.4 18.3 18.1 (6)	37.5 37.6 37.7 37.9	5050 5050 5050 5050
2S/07E-08R01M	36.9	10-24-66 11-28-66 12-27-66 1-25-67 2-28-67 3-27-67 4-25-67 5-24-67 6-26-67 7-25-67 8-28-67 9-25-67	10.9 11.0 10.4 10.1 9.1 9.8 9.2 11.0 10.0 10.6 11.3 11.1	26.0 25.9 26.5 26.8 27.8 27.1 27.7 25.9 26.9 26.3 25.6 25.8	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	2S/07E-34R01M	45.0	10-03-66 3-06-67	12.8 12.7	32.2 32.3	5050 5050
2S/07E-12G01M	56.0	10-03-66 3-06-67	12.5 11.9	43.5 44.1	5050 5050	2S/08E-14E01M	79.0	10-03-66 3-06-67	18.1 22.2	60.9 56.8	5050 5050
2S/07E-12R01M	55.0	10-24-66 11-28-66 12-27-66 1-25-67 2-23-67 3-27-67 4-25-67 5-24-67 6-26-67 7-25-67 8-28-67 9-25-67	16.8 16.4 16.4 16.2 15.5 15.4 15.1 15.5 15.4 16.4 16.3 16.3	38.2 38.6 38.6 38.8 39.5 39.6 39.9 39.5 39.6 38.6 38.7 38.7	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	2S/08E-17N01M	64.0	10-03-66 3-06-67	19.6 19.9	44.4 44.1	5050 5050
						2S/09E-02E01M	135.0	10-04-66 10-24-66 11-28-66 12-27-66 1-25-67 2-23-67 3-27-67 4-25-67 5-24-67 6-26-67 7-25-67 8-28-67 9-25-67	38.5 36.8 37.2 37.7 38.3 38.1 38.5 38.5	96.5 98.2 97.8 97.3 96.7 96.9 96.5 96.5	5110 5050 5050 5050 5050 5050 5050 5050

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SOUTH SAN JOAQUIN IRRIGATION DISTRICT 5-22.05											
2S/09E-02E01M CONT.	135.0	4-25-67 5-24-67 6-26-67 7-25-67 8-28-67 9-25-67	39.0 39.1 39.3 38.9 38.5 38.1	96.0 95.9 95.7 96.1 96.5 96.9	5050 5050 5050 5050 5050 5050	1S/06E-04A02M CONT.	8.5	5-24-67 6-26-67 7-25-67 8-28-67 9-25-67	4.4 5.3 6.9 6.9 6.9	4.1 3.2 1.6 1.6 1.6	5050 5050 5050 5050 5050
2S/09E-05C01M	110.0	10-03-66 3-06-67	33.4 36.4	76.6 73.6	5050 5050	1S/06E-09J01M	7.0	10-03-66 3-06-67	14.6 6.8	-7.2 0.2	5050 5050
2S/09E-09Q01M	120.0	10-03-66 3-06-67	30.3 36.6	89.7 83.4	5050 5050	1S/06E-11D01M	14.8	10-24-66 11-28-66 12-27-66 1-25-67 2-28-67 3-31-67 4-25-67 5-24-67 6-26-67 7-25-67 8-28-67 9-25-67	31.2 28.7 27.1 25.4 23.3 22.7 21.3 25.9 26.8 29.5 31.3 30.2	-16.4 -13.9 -12.3 -10.6 -8.5 -7.9 -6.5 -11.1 -12.0 -14.7 -16.5 -15.4	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
2S/09E-11K01M	139.0	10-03-66 3-06-67	36.8 40.0	102.2 99.0	5050 5050	1S/06E-12P01M	21.0	10-03-66 3-06-67	23.0 18.0	-2.0 3.0	5050 5050
2S/09E-18E01M	94.0	10-03-66 3-06-67	18.1 28.0	75.9 66.0	5050 5050	1S/06E-22Q02M	10.0	10-24-66 11-28-66 12-27-66 1-25-67 2-28-67 3-27-67 4-25-67 5-24-67 6-26-67 7-25-67 8-28-67 9-25-67	8.8 7.7 6.3 5.3 5.2 5.4 5.1 9.6 10.3 11.5 13.1 10.9	1.2 2.3 3.7 4.7 4.8 4.6 4.9 0.4 -0.3 -1.5 -3.1 -0.9	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
2S/09E-19B02M	89.0	9-19-67 9-25-67	18.5 18.5	70.5 70.5	5050 5050	1S/06E-31F01M	8.0	10-03-66 3-06-67	(8) (8)		5110 5110
DELTA AREA 5-22.52											
1N/06E-27R01M	11.0	10-03-66 3-06-67	33.8 24.8	-22.8 -13.8	5050 5050	1S/06E-34K01M	9.0	10-03-66 3-06-67	13.5 6.2	-4.5 2.8	5050 5050
3N/05E-16A01M	-3.0	10-06-66 3-10-67	7.0 5.4	-10.0 -8.4	5110 5110						
1S/05E-35Q02M	8.0	10-03-66 3-06-67	7.0 6.5	1.0 1.5	5110 5110						
1S/06E-02G02M	16.0	10-03-66 3-06-67	37.4 24.5	-21.4 -8.5	5050 5050						
1S/06F-04A02M	8.5	10-24-66 11-28-66 12-27-66 1-25-67 2-23-67 3-27-67 4-25-67	10.1 10.4 8.4 5.3 4.2 4.2 4.2	-1.6 -1.9 0.1 3.2 4.3 4.3 4.3	5050 5050 5050 5050 5050 5050 5050						

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA						
DELTA AREA 5-22.52																	
1S/06E-36C01M	23.0	10-03-66 3-06-67	13.6 10.8	9.4 12.2	5050 5050	40N/16E-36G01M	4625.2	10-17-66 11-17-66 12-19-66 1-16-67 2-16-67 3-21-67 4-20-67 5-18-67 6-19-67 7-25-67 8-24-67 9-20-67	79.5 82.3 80.6 78.7 76.7 70.0 69.6 (1) (1) 80.0 75.9 75.0	4545.7 4542.9 4544.6 4546.5 4548.5 4555.2 4555.6 4545.2 4549.3 4550.2	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050						
2S/06E-02H01M	20.0	10-03-66 10-21-66 3-06-67 3-31-67	(1) 12.6 (1) 9.1	7.4 11.4 5050 10.9	5050 5050 5050 5050	41N/16E-27Q01M	4657.2	10-17-66 11-17-66 12-19-66 1-16-67 2-16-67 3-21-67 4-20-67 5-18-67 6-19-67 7-25-67 8-24-67 9-20-67	31.6 32.3 28.6 29.4 29.1 23.4 22.3 20.7 19.7 22.4 22.5 24.9	4625.6 4624.9 4628.6 4627.8 4628.1 4633.8 4634.9 4635.5 4637.5 4634.8 4634.7 4632.3	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050						
2S/06E-11J01M	20.0	10-24-66 11-28-66 12-27-66 1-25-67 2-23-67 3-27-67 4-25-67 5-24-67 6-26-67 7-25-67 8-28-67 9-25-67	(1) 9.4 8.6 7.8 7.3 7.8 7.6 (1) 9.3 (1) 5050 11.2	10.6 11.4 12.2 12.7 12.2 12.4 5050 10.7 5050 8.8	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	41N/16E-35D02M	4621.5	10-17-66 11-17-66 12-19-66 1-16-67 2-16-67 3-21-67 4-20-67 5-18-67 6-19-67 7-25-67 8-24-67 9-20-67	(1) 47.0 45.0 43.4 43.1 43.6 43.5 (1) 42.1 (1) (1)	4574.5 4575.5 4578.1 4578.4 4577.9 4578.0 4578.9 4579.4	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050						
2S/06E-25R01M	23.0	10-03-66 3-06-67	9.0 7.8	14.0 15.2	5050 5050												
3S/07E-05J01M	34.0	10-03-66 3-06-67	7.9 9.6	26.1 24.4	5050 5050												
3S/07E-06Q01M	26.0	10-24-66 11-28-66 12-27-66 1-25-67 2-23-67 3-27-67 4-25-67 5-24-67 6-26-67 7-25-67 8-28-67 9-25-67	5.9 7.9 7.9 7.7 7.3 7.7 7.4 4.7 4.0 3.7 3.7 3.8	20.1 18.1 18.1 18.3 18.7 18.3 18.6 21.3 22.0 22.3 22.3 22.2	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050												

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SURPRISE VALLEY 6-01.00											
42N/16E-17K01M	4651.6	10-17-66 11-17-66 12-19-66 1-16-67 2-16-67 3-21-67 4-20-67 5-18-67 6-19-67 7-25-67 8-24-67 9-20-67	30.5 28.5 28.2 27.0 27.4 28.7 26.4 24.8 24.4 (1) 50.0 27.0	4621.1 4623.1 4623.4 4624.6 4624.2 4622.9 4625.2 4626.8 4627.2 5050 4624.6	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	34N/14E-26H01M	5302.0	10-18-66 11-17-66 12-20-66 1-17-67 2-17-67 3-21-67 4-21-67 5-19-67 6-20-67 7-26-67 8-24-67 9-21-67	30.4 30.2 30.0 30.0 30.0 29.0 28.9 29.0 29.2 28.9 29.3 29.2	5271.6 5271.8 5272.0 5272.0 5272.0 5273.0 5273.1 5273.0 5272.8 5273.1 5272.7 5272.8	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
43N/16E-17D01M	4687.4	10-17-66 11-17-66 12-19-66 1-16-67 2-16-67 3-21-67 4-20-67 5-18-67 6-19-67 7-25-67 8-24-67 9-20-67	34.6 36.9 35.2 35.0 32.6 34.9 32.4 36.3 33.9 36.4 36.7 36.5	4652.8 4652.5 4652.2 4652.4 4654.8 4652.5 4655.0 4651.1 4653.5 4651.0 4650.7 4650.9	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	35N/13E-26J02M	5296.0	10-18-66 11-17-66 12-20-66 1-17-67 2-17-67 3-21-67 4-21-67 5-19-67 6-20-67 7-26-67 8-24-67 9-21-67	53.3 53.2 53.0 53.3 52.0 52.7 52.5 52.7 52.7 52.1 52.8 52.8	5242.7 5242.8 5243.0 5242.7 5244.0 5243.3 5243.5 5243.3 5243.3 5243.9 5243.2 5243.2	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
46N/16E-09L01M	4534.3	10-17-66 11-17-66 12-19-66 1-16-67 2-16-67 3-21-67 4-20-67 5-18-67 6-19-67 7-25-67	21.5 21.4 21.5 20.1 21.5 21.9 21.5 19.9 19.0 (6)	4512.8 4512.9 4512.8 4512.4 4512.8 4512.4 4512.8 4514.4 4515.3 5050	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	37N/13E-09J01M	5342.4	10-18-66 11-17-66 12-20-66 1-17-67 2-17-67 3-21-67 4-21-67 5-19-67 6-20-67 7-26-67 8-24-67 9-21-67	15.3 15.8 16.1 16.7 15.0 15.0 15.7 12.9 13.4 12.2 13.6 14.0	5327.1 5326.6 5326.3 5325.7 5327.4 5327.4 5326.7 5329.5 5329.0 5330.2 5328.8 5328.4	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050
46N/16E-04Q01M	4600.0	8-24-67 9-20-67	64.4 66.0	4535.6 4534.0	5050 5050	37N/13E-32A01M	5287.9	10-18-66 11-17-66 12-20-66 1-17-67 2-17-67 3-01-67	10.6 (9) (9) (9) (9) (0)	5277.3 5050 5050 5050 5050 5050	5050 5050 5050 5050 5050 5050

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA													
HONEY LAKE VALLEY 6-04.00																								
26N/16E-15E03M	4106.1	10-17-66 11-21-66 12-19-66 1-20-67 2-16-67 3-15-67 4-19-67 5-17-67 6-15-67 7-17-67 8-15-67 9-18-67	52.4 52.8 53.1 53.9 55.0 55.5 56.4 55.8 55.6 56.1 54.0 53.6	4053.7 4053.3 4053.0 4052.2 4051.1 4050.6 4049.7 4050.3 4050.5 4050.0 4052.1 4052.5	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050		29N/12E-05J01M	4172.3	10-17-66 11-21-66 12-19-66 1-20-67 2-16-67 3-15-67 4-19-67 5-17-67 6-15-67 7-17-67 8-15-67 9-18-67	14.4 13.8 12.4 12.5 9.4 10.9 11.9 11.8 12.8 14.2 14.6 14.7	4157.9 4158.5 4159.9 4159.8 4162.9 4161.4 4160.4 4160.5 4159.5 4158.1 4157.7 4157.6	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050												
27N/14E-26D01M	4210.4	10-17-66 11-21-66 12-19-66 1-20-67 2-16-67 3-15-67 4-19-67 5-17-67 6-15-67 7-17-67 8-15-67 9-18-67	25.5 24.5 24.1 24.3 9.1 11.1 10.6 11.8 12.0 14.8 17.6 19.3	4184.9 4189.9 4186.3 4186.1 4201.3 4199.3 4199.8 4198.6 4198.4 4195.6 4192.8 4191.1	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050		29N/14E-17R02M	4046.9	10-17-66 11-21-66 12-19-66 1-20-67 2-16-67 3-15-67 4-19-67 5-17-67 6-15-67 7-17-67 8-15-67 9-18-67	10.9 9.8 10.2 9.0 8.1 7.8 8.8 6.8 5.5 5.5 7.3 7.0	4036.0 4037.1 4036.7 4037.9 4038.8 4039.1 4038.1 4040.1 4041.5 4041.5 4039.6 4039.9	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050												
27N/15E-32G01M	4052.8	3-21-67 7-17-67 8-15-67 9-18-67	16.8 7.1 9.6 12.5	4036.0 4045.7 4043.2 4040.3	5050 5050 5050 5050	TAHOE VALLEY 6-05.00																		
28N/13E-11R01M	4068.6	10-17-66 11-21-66 12-19-66 1-20-67 2-16-67 3-15-67 4-19-67 5-17-67 6-15-67 7-17-67 8-15-67 9-18-67	26.9 23.2 22.0 21.0 20.9 4047.7 18.2 17.6 20.7 4047.9 (1) (1)	4041.7 4045.4 4046.6 4047.6 4047.7 4050.4 4051.0 4051.0 4047.9 4047.9 5050 5050	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050 5050		11N/18E-05N01M	6396.1	10-17-66 5-22-67 8-17-67	16.7 6.4 13.0	6379.4 6389.7 6383.1	5050 5050 5050	SOUTH TAHOE VALLEY 6-05.01											
12N/18E-02C01M	6274.3	10-18-66 5-23-67 8-18-67	34.9 32.1 (3)	6239.4 6242.2 5050	5050	11N/18E-08M01M	6435.5	10-17-66 5-22-67 8-17-67	9.7 3.0 8.2	6425.8 6432.5 6427.3	5050 5050 5050		12N/18E-01D04M	7280.0	10-17-66 5-23-67 8-18-67	32.3 33.0 15.3	7247.7 7247.0 7264.7	5050 5050 5050						

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA								
SOUTH TAHOE VALLEY 6-05.01																			
12N/18E-02C09M	6291.1	10-18-66 5-23-67 8-18-67	47.1 42.6 43.1	6244.0 6248.5 6248.0	5050 5050 5050	12N/18E-05K01M	6271.0	10-17-66 5-22-67 8-17-67	34.2 31.9 31.4	6236.8 6239.1 6239.6	5050 5050 5050		SOUTH TAHOE VALLEY 6-05.01						
12N/18E-03A01M	6270.4	10-17-66 5-22-67 8-17-67	23.9 22.1 22.9	6246.5 6248.3 6247.5	5050 5050 5050	12N/18E-05P01M	6277.5	10-17-66 5-22-67 8-17-67	(5) (5) (5)	6237.5 6238.9 6238.2	5050 5050 5050								
12N/18E-03C01M	6263.2	10-18-66 5-23-67 8-17-67	23.3 22.1 22.5	6239.9 6241.1 6240.7	5050 5050 5050	12N/18E-06R01M	6670.0	10-17-66 5-22-67 8-17-67	(1) 70.0 (1) 65.6 (1) 60.4	6600.0 6604.4 6609.6	5050 5050 5050								
12N/18E-03D05M	6253.4	10-17-66 5-22-67 8-17-67	23.2 13.6 21.3	6230.2 6239.8 6232.1	5050 5050 5050	12N/18E-09D03M	6298.0	10-17-66 5-22-67 8-17-67	60.5 59.1 59.8	6237.5 6238.9 6238.2	5050 5050 5050								
12N/18E-03D08M	6261.9	10-17-66 5-22-67 8-17-67	31.7 29.4 29.7	6230.2 6232.5 6232.2	5050 5050 5050	12N/18E-16M01M	6297.9	10-17-66 5-22-67 8-17-67	48.9 13.1 24.1	6249.0 6281.8 6273.8	5050 5050 5050								
12N/18E-04A05M	6254.4	10-17-66 5-22-67 8-17-67	21.6 20.3 16.4	6232.8 6234.1 6238.0	5050 5050 5050	12N/18E-21D01M	6283.0	10-17-66 5-22-67 8-17-67	5.1 3.5 11.4 3.4	6277.9 6279.5 6271.6 6279.6	5050 5050 5050 5050								
12N/18E-04B03M	6236.7	10-17-66 5-22-67 8-17-67	10.1 7.3 8.4	6226.6 6229.4 6228.3	5050 5050 5050	12N/18E-29N01M	6337.7	10-17-66 5-22-67 8-17-67	32.4 24.4 27.1	6305.3 6313.3 6310.6	5050 5050 5050								
12N/18E-04L01M	6264.0	10-18-66 5-23-67 8-17-67	29.0 (2) 26.2	6235.0 6234.6 6237.8	5050 5050 5050	13N/17E-35G01M	6278.6	10-17-66 5-22-67 8-17-67	33.3 28.2 30.3	6245.3 6250.4 6248.3	5050 5050 5050								
12N/18E-05A02M	6239.7	10-17-66 5-22-67 8-17-67	8.3 5.1 6.4	6231.4 6234.6 6233.3	5050 5050 5050	13N/18E-27K01M	6276.7	10-18-66 5-23-67 8-18-67	39.8 38.7 39.0	6236.9 6238.0 6237.7	5050 5050 5050								
12N/18E-05C02M	6257.6	10-17-66 5-22-67 8-17-67	23.8 20.0 21.0	6233.8 6237.6 6236.6	5050 5050 5050														

TABLE C-2 (Cont.)
GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SOUTH TAHOE AREA 6-05.01											
13N/18E-33K01M	6242.0	10-18-66	(4)	15.0	6227.0	5050					
		5-23-67	(4)	15.5	6226.5	5050					
		8-18-67	(4)	16.8	6225.2	5050					
13N/18E-33M01M	6253.1	10-18-66		27.3	6225.8	5050					
		5-23-67		25.6	6227.5	5050					
		8-17-67		25.6	6227.5	5050					
13N/18E-33R05M	6265.6	10-18-66		31.0	6234.6	5050					
		5-23-67		29.4	6236.2	5050					
		8-18-67		28.2	6237.4	5050					
13N/18E-34M02M	6262.8	10-18-66		28.9	6233.9	5050					
		5-23-67		23.5	6239.3	5050					
		8-18-67		24.0	6238.8	5050					

Appendix D

SURFACE WATER QUALITY

INTRODUCTION

This appendix presents surface water quality data collected during the period from October 1, 1966, through September 30, 1967. The data were collected from 134 stream and lake stations in Northeastern California in cooperation with other state, local, and federal agencies.

At the time of field sampling, dissolved oxygen, pH, and temperature measurements are made and gage height and time are noted. Comments on local conditions are noted in field books which are available in the files of the Department of Water Resources.

The mineral constituents were determined in accordance with methods presented in "Standard Methods for the Examination of Water and Waste Water", 12th edition, 1967. The analysis for trace elements is in accordance with the U. S. Geological Survey Water Supply Paper 1450-B, "Concentration Method for the Spectro-Chemical Determination of Minor Elements in Water", or "Standard Methods for the Examination of Water and Waste Water".

TABLE D-1
SAMPLING STATION DATA AND INDEX
NORTHEASTERN CALIFORNIA

Station	Station Number	Location MDB & M	Period ^a of Record	Frequency ^b of Sampling	Sampled by	Analysis on page
American River, Middle Fork near Auburn (22b)	A7 3100.00	12N/9E-6	7-58	B	DWR	495, 587
American River at Nimbus (22a)	A7 1110.00	9N/7E-16	11-58	M	DWR	493, 587
at Sacramento (22)	A0 7140.00	8N/5E-3	4-51 9-62	M A	DWR	555, 574
American River, South Fork near Lotus (22c)	A7 4150.10	11N/9E-11	7-58	B	DWR	496, 588
Antelope Creek near Red Bluff (88e)	A4 5110.50	27N/2W-8	10-58	B	DWR	470, 561, 580
Antelope Reservoir	A5R					
Station No. 1	81100361	27N/12E-21	10-66	I	DWR	474
Station No. 2	81130365	27N/12E-22	10-66	I	DWR	478
Station No. 3	81070356	27N/12E-21	10-66	I	DWR	473
Station No. 4	81120353	27N/12E-20	10-66	I	DWR	477
Battle Creek near Cottowood (88b)	A4 7110.00	29N/2W-1	4-58	B	DWR	471, 562, 583
Bear River near Wheatland (78)	A0 6550.00	13N/5E-3	12-51	M	DWR	454, 561, 573
Big Chico Creek near Chico (85)	A4 2110.00	22N/2E-9	7-52	M	DWR	468, 561, 581
Brushy Creek near Byron	B9 5286.50	1S/3E-14	5-63	I	DWR	537, 597
Butte Creek near Chico (84)	A4 1110.00	22N/2E-36	7-52	M	DWR	467, 561, 581
Cache Creek near Capay (80)	A8 1120.00	10N/2W-8	12-51	M	DWR	497, 588
near Lower Lake (42)	A8 1350.00	12N/6W-6	4-51	M	DWR	498
Cache Creek, North Fork near Lower Lake (79)	A8 2050.00	14N/6W-31	12-51	M	DWR	501
Calaveras River below New Hogan Dam (16c)	B2 5300.00	3N/10E-1	1-64	M	USCE	508, 590
above New Hogan Reservoir (16d)	B2 5320.10	4N/11E-13	1-64	M	USCE	509, 591
at Stockton (16b)	B0 2515.01	2N/6E-26	7-58	M	DWR	506, 589
Carquinez Straits at Martinez (E0 3100.10)	E0B 38352134	2N/1E-7	1926	F	Cooperator	608, 610
Clear Creek near Igo (12d)	A3 6130.00	31N/6W-27	8-58	B	DWR	466, 561, 580
Clear Lake at Lakeport (41)	A8 1720.00	14N/10W-24	4-51	M	DWR	500
Colusa Basin Drain near Colusa (87)	A0 2976.00	16N/2W-35	7-62	M	DWR	438, 560, 568
near Knights Landing (87b)	A0 2947.10	11N/2E-10	3-67	M	DWR	437, 560, 568
Cosumnes River at McConnell (94a)	B0 1125.00	6N/6E-20	7-58	M	DWR	503, 589
at Michigan Bar (94)	B1 1150.00	8N/8E-36	7-52	B	DWR	507, 590
Cottonwood Creek at Cottonwood (12b)	A0 3520.00	29N/4W-11	4-51	M	DWR	442, 560, 569
below North Fork Cottonwood Creek (11a)	A0 3540.00	29N/6W-2	8-58	B	DWR	443, 560, 570
Cottonwood Creek, South Fork above Cottonwood Creek (11b)	A0 3595.00	29N/5W-32	11-58	M	DWR	444, 560, 570
Cow Creek near Millville (88a)	A4 8110.00	31N/3W-32	8-58	B	DWR	472, 562, 583
Delta Cross Channel near Walnut Grove (98)	B9 1650.20	5N/4E-35	9-52	M	DWR	513, 562, 592
Delta-Mendota Canal at Intake	B9 5925.00	5N/4E-25	9-52	M	DWR	548, 601
Dutch Slough at Bethel Island Bridge	B9 5031.01	2N/3E-22	5-55	F	Cooperator	608, 610
Elder Creek at Gerber (95a)	A0 3320.00	25N/3W-2	1-59	B	DWR	439, 560, 568
near Paskenta (13e)	A3 3110.00	25N/6W-14	10-58	S	DWR	475, 561, 580
False River at Bradford Island	B9 5045.01	2N/3E-4	4-65	F	Cooperator	608, 610
Feather River, Middle Fork near Merrimac (19b)	A5 5100.00	21N/6E-2	7-63	M	DWR	490, 562, 585
Feather River at Nicolaus (20)	A0 5103.00	12N/3E-12	4-51	M	DWR	447, 560, 570
Feather River, North Fork at Pulga (19a)	A5 3140.10	23N/5E-32	7-63	M	DWR	487, 562, 584
Feather River near Cridley	A0 5165.00	18N/3E-33	3-67		DWR	450, 560, 582
at Oroville (19)	A0 5191.00	19N/4E-2	4-51	M	DWR	431, 560, 582
below Shanghai Bend (20a)	A0 5120.00	14N/3E-11	7-58	M	DWR	449, 571
Feather River, South Fork below Fonderosa Dam (19c)	A5 6080.10	20N/6E-33*	7-58	M	DWR	492, 562, 586
Feather River, West Branch near Yankee Hill (19d)	A5 2100.00	21N/4E-21	10-64	M	DWR	485, 562, 583
Feather River at White Oak Ranch	A0 5050.01	12N/3E-27	6-62	I	DWR	421, 446
at Yuba City	A0 5135	15N/3E-23	7-64	Continuous	DWR	618

^a Beginning of record

^b M - Monthly, B - Bi-monthly, Q - Quarterly, S - Semiannually, A - Annually, I - Irregular, F - At Four-Day Intervals

TABLE D-1
SAMPLING STATION DATA AND INDEX
NORTHEASTERN CALIFORNIA

Station	Station Number	Location MDB & M	Period ^a of Record	Frequency ^b of Sampling	Sampled by	Analysis on page
Frenchman Reservoir	A5R					
Station No. 2	95530123	24N/16E-20	10-66	I	DWR	484
Station No. 6	95440114	24N/16E-28	10-66	I	DWR	483
Station No. 9	95400116	24N/16E-28	10-66	I	DWR	481
Honcut Creek, North Fork near Live Oak	A0 5710.00	17N/3E-23	4-67	I	DWR	560
Indian Creek near Crescent Mills (17d)	A5 4320.00	26N/9E-25	4-51	B	DWR	491, 585
Italian Slough at Byron-Bethany Pumps	B9 5288.50	18/3E-24	5-63	M	DWR	541, 597
at Clifton Court Road Bridge	B9 5285.50	18/3E-24	5-63	M	DWR	426, 533, 596
at Reclamation District 800 Pumps	B9 5283.50	18/3E-13	4-64	I	DWR	532
near Byron	B9 5280.00	18/3E-24	5-63	M	DWR	528, 596
near Mouth	B9 5278.01	18/4E-7	9-52	M	DWR	524, 595
Lindsey Slough near Rio Vista (110)	B9 1260.00	5N/2E-25	10-52	I	DWR	511
Little Potato Slough at Terminus (99)	B9 4120.00	3N/4E-13	9-52	I	DWR	518, 593
McCloud River above Shasta Lake (18)	A2 2150.00	36N/3W-31	4-51	M	DWR	461, 561, 578
Mill Creek near Los Molinos	A4 4110.00	25N/2W-9	7-52	M	DWR	469, 561, 582
Mokelumne River below Camanche Dam (23a)	B0 2143.00	4N/10E-4	4-51	B	DWR	505, 589
at Highway 12 Bridge	B9 4095.00	3N/4E-7	4-61	B	DWR	424, 517
at Woodbridge (23)	B0 2105.00	4N/6E-34	4-51	B	DWR	504, 589
Old River at Clifton Court Ferry (104)	B9 5340.00	1S/4E-20	9-52	M	DWR	543, 598, 620
Paynes Creek near Red Bluff (88g)	A0 4620.00	28N/2W-3	10-58	M	DWR	445, 570
Pit River near Canby (17a)	A1 1680.00	41N/9E-10	4-51	M	DWR	457, 575
near Montgomery Creek (17)	A1 1020.00	35N/1E-32	4-51	M	DWR	456, 561, 574
Pit River, South Fork near Likely (18a)	A1 4400.00	39N/13E-11	8-58	M	DWR	458, 561, 576
Putah Creek near Winters (81)	A9 1250.00	8N/2W-27	12-51	M	DWR	502
Red Bank Creek near Red Bluff (88d)	A0 3460.00	26N/5E-22	1-59	B	DWR	441, 560, 569
Rock Slough near Knightsen (109)	B9 5220.00	2N/3E-33	9-52	M	DWR	523, 594
Sacramento River at Bend (12c)	A0 2785.00	28N/3W-20	5-55	M	DWR	435, 560, 567
at Butte City (87a)	A0 2500.00	19N/1W-32	5-55	M	DWR	433, 560, 565
at Collinsville	B9 1100.00	3N/1E-27	1924	F	Cooperator	608, 610
at Colusa (13b)	A0 2420.00	19N/1W-29	10-58	M	DWR	431, 560, 564
above Colusa Basin Drain	A0 2430.02	11N/2E-14	7-60	M	DWR	432, 560, 565
at Delta (11)	A2 1300.00	36N/5W-35	4-51	M	DWR	460, 561, 577
at Emmaot (B9 1140.50)	B9 1120.01	3N/2E-22	1955	F	Cooperator	608, 610
at Freeport (15b)	B9 1840.00	7N/4E-14	6-60	M	DWR	515, 562, 592
at Fremont Weir, West End	A0 2170	1N/3E-32	6-65	Continuous	DWR	617
at Hamilton City (13)	A0 2630.00	22N/1E-20	4-51	M	DWR	434, 560, 566
at Isleton Bridge (B9 1600.10)	B9 1600.01	4N/3E-24	4-60	F	Cooperator	608, 610
at Keswick (12)	A2 1010.00	32N/5W-21	4-51	M	DWR	422, 459, 561, 576
below Knights Landing	A0 2195.01	11N/2E-19	6-51	M	DWR	430, 564
at Rio Vista (16)	B9 1210.10	4N/3E-30	4-51	M	DWR	510, 591, 608, 610
at Sacramento Weir	A0 2105	9N/4E-29	4-60	Continuous	DWR	420, 428, 616
below Sacramento Slough near Verona	A0 2154.10	11N/3E-22	4-60	I	DWR	429, 561
at Threemile Slough Bridge (B9 1160.00)	B9 1121.00	3N/2E-13	1931	F	Cooperator	608, 610
at Walnut Grove	B9 1600	5N/4E-35	12-60	Continuous	DWR	423, 619
near Walnut Grove	B9 1650.10	5N/4E-35	1-64	M	DWR	512
Sacramento Slough near Knights Landing (14a)	A0 2925.00	11N/3E-21	6-51	M	DWR	436, 567
San Joaquin River at Antioch (28)	B9 5020.00	2N/2E-18	4-51	M	DWR	520, 594, 608, 610
by Antioch	B9 5010.01	2N/1E-1	10-66	M	DWR	519
at Antioch Bridge	B9 5020.10	2N/2E-10	6-60	I	DWR	425, 522, 608, 610
at Garwood Bridge (101)	B9 5715.00	1N/6E-16	9-52	M	DWR	522, 599
at Jersey Island (B9 5040.50)	B9 5035.01	2N/3E-6	7-52	F	Cooperator	608, 610
at Mossdale (102)	B9 5820.00	2N/6E-4	9-52	M-F	DWR	523, 600, 608, 610
					Cooperator	

^a Beginning of record

^b M-Monthly, B-Bimonthly, Q-Quarterly, S-Semiannually, A-Annually, I-Irregular, F-At Four-Day Intervals

TABLE D-1
SAMPLING STATION DATA AND INDEX
NORTHEASTERN CALIFORNIA

Station	Station Number	Location MDB & M	Period ^a of Record	Frequency ^b of Sampling	Sampled by	Analysis on page
San Joaquin River at Rindge Pump at San Andreas Landing	B9 5620 B9 5100.00	2N/5E-27 3N/3E-12	1-65 3-52	Continuous F	OWR Cooperator	621 608, 610
San Pablo Bay at Crockett (E0 3190.00)	EOB 80352134	3N/1W-31	1946	F	Cooperator	608, 610
Seigler Creek at Lower Lake	A8 1373.00	12N/7W-10	11-66	I	DWR	499
Stockton Ship Channel on Rindge Island (100)	B9 5618.00	2N/5E-28	9-52	M	DWR	544, 599
Stony Creek below Black Butte Dam (13c) near Fruto (13f)	A3 1110.00 A3 1250.00	23N/4W-28 21N/6W-15	8-57 10-60	M M	DWR DWR	462, 561, 578 463, 561, 579
Suisun Bay at Pittsburg (B9 1070.10) at Port Chicago (E0 3200.90)	B9 1070.01 EO 3330.01	2N/1E-8 3N/2W-26	1945 1945	F F	Cooperator Cooperator	608, 610 608, 610
at Nichola (E0 3200.00)	EO 3350.00	2N/1W-4	1945	F	Cooperator	608, 610
Thomea Creek at Richfield (95b) at Paaskenta (13d)	A0 3200.00 A3 2120.00	2N/3W-35 23N/6W-4	1-59 10-58	M M	DWR DWR	439, 560, 568 464, 561, 580
Three-mile Slough at San Joaquin River	B9 5060.00	3N/3E-30	1955	F	Cooperator	608, 610
Yuba River at Marysville (21) at Parks Bar Bridge (21a)	A0 6120.00 A0 6300.00	15N/4E-18 16N/6E-20	4-51 4-51	M M	DWR DWR	452, 561, 573 463, 586
LAHONTAN REGION (No. 6)						
Carson River, East Fork near Markleeville (115) West Fork at Woodforda (115a)	G8 3420.20 G8 2300.00	14N/20E-27 11N/19E-34	9-58 8-58	B B	DWR DWR	556, 605 555, 605
Donner Creek at Donner Lake near Truckee	G7 1565.00	17N/16E-17	6-67	B	DWR	552, 602
Lake Tahoe at Tahoe City (38)	G7 1710.00	15N/17E-7	4-51	B	DWR	554, 603
Susan River at Susanville (17b)	G4 1600.00	30N/12E-31	4-51	M	DWR	549, 562, 601
Truckee River near Truckee (52) near Farad (53)	G7 1600.00 G7 1195.00	17N/16E-28 18N/17E-12	4-51 4-51	B M	DWR DWR	553, 603 550, 602
Walker River, East near Bridgeport (116a) West near Coleville (116)	G9 3200.00 G9 2400.00	6N/25E-34 6N/23E-9	8-58 8-58	B B	DWR DWR	558, 606 557, 606

^a Beginning of record

^b M - Monthly, B - Bimonthly, Q - Quarterly, S - Semiannually, A - Annually, I - Irregular, F - At Four-Day Intervals

FIGURE D-1

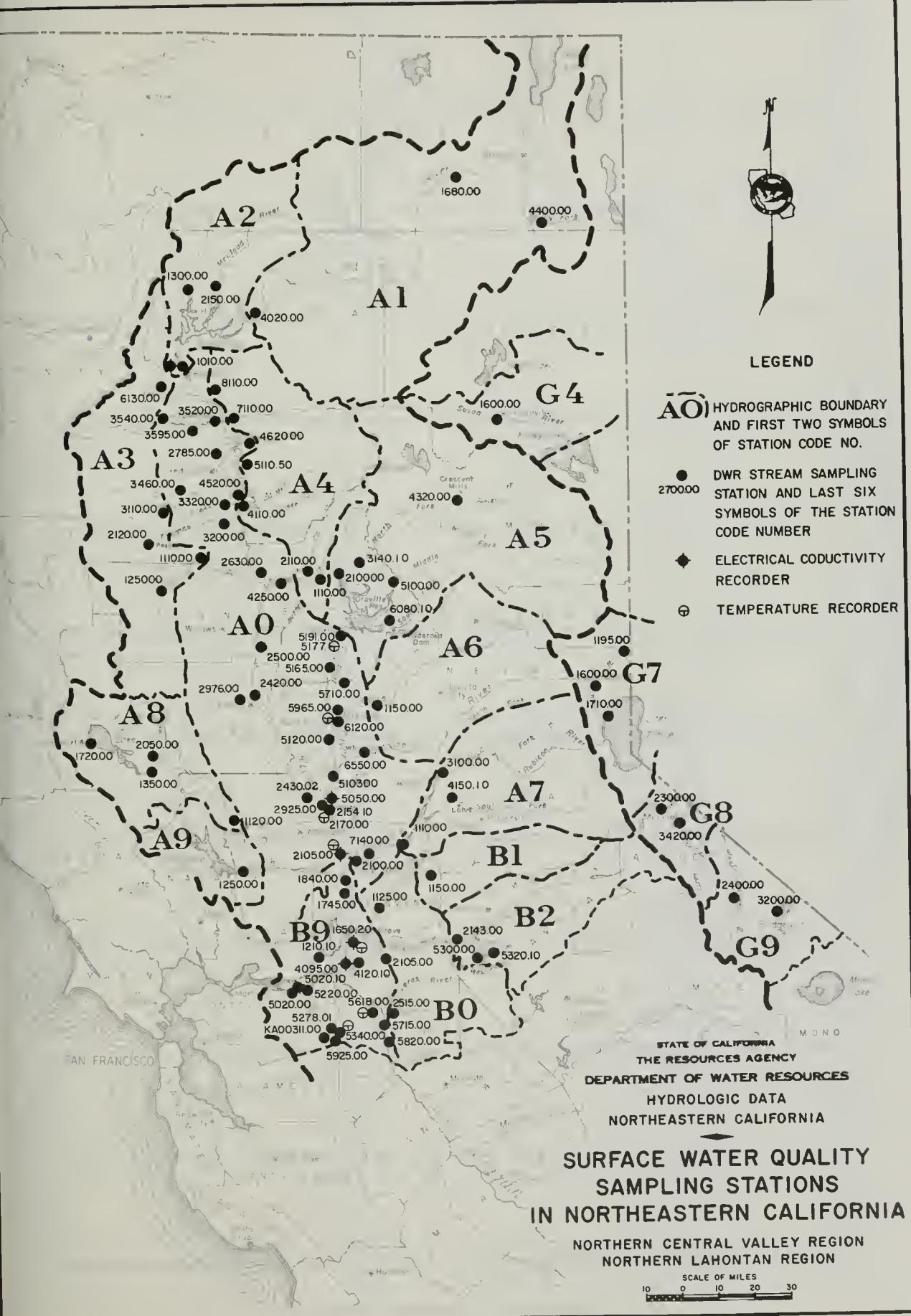
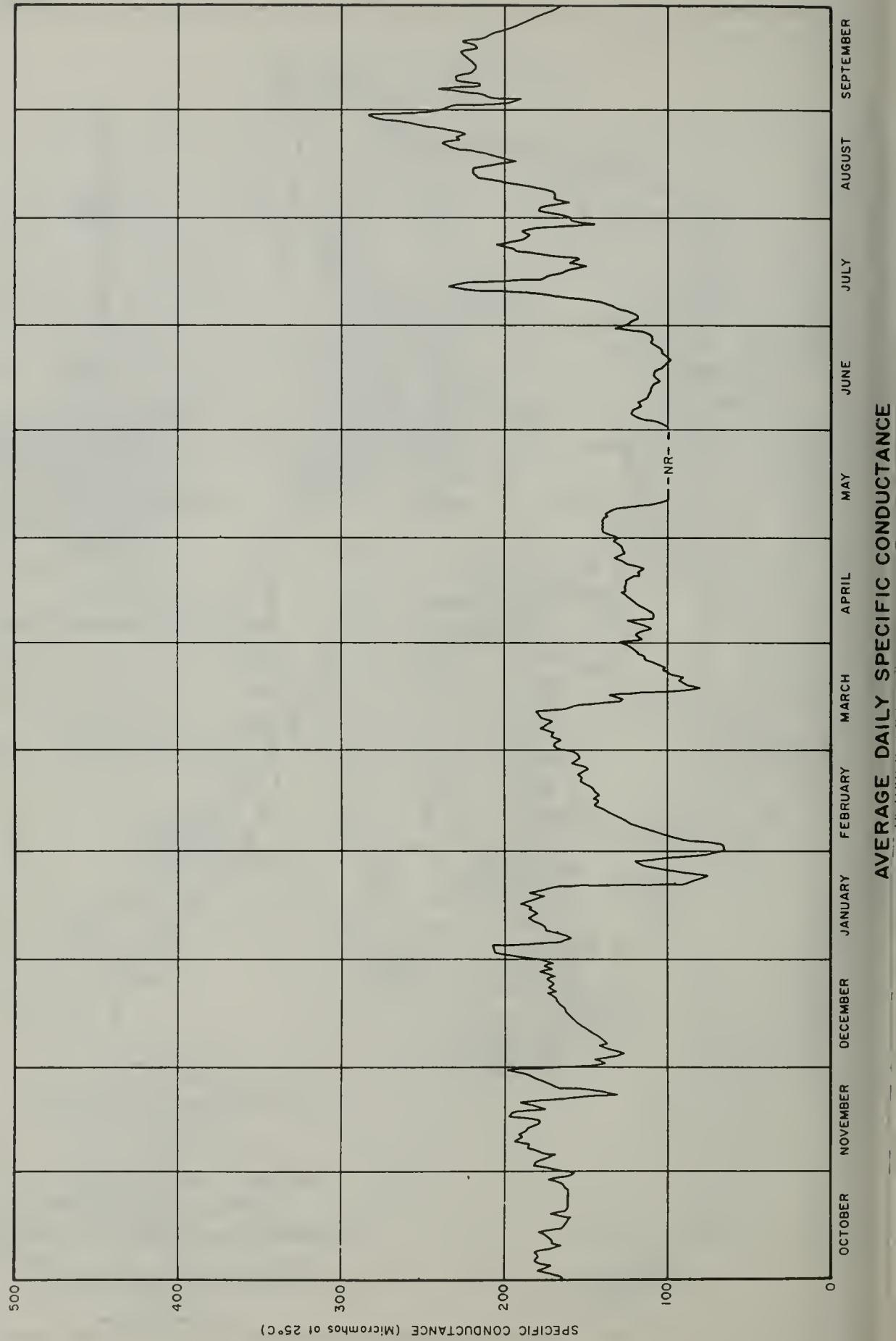
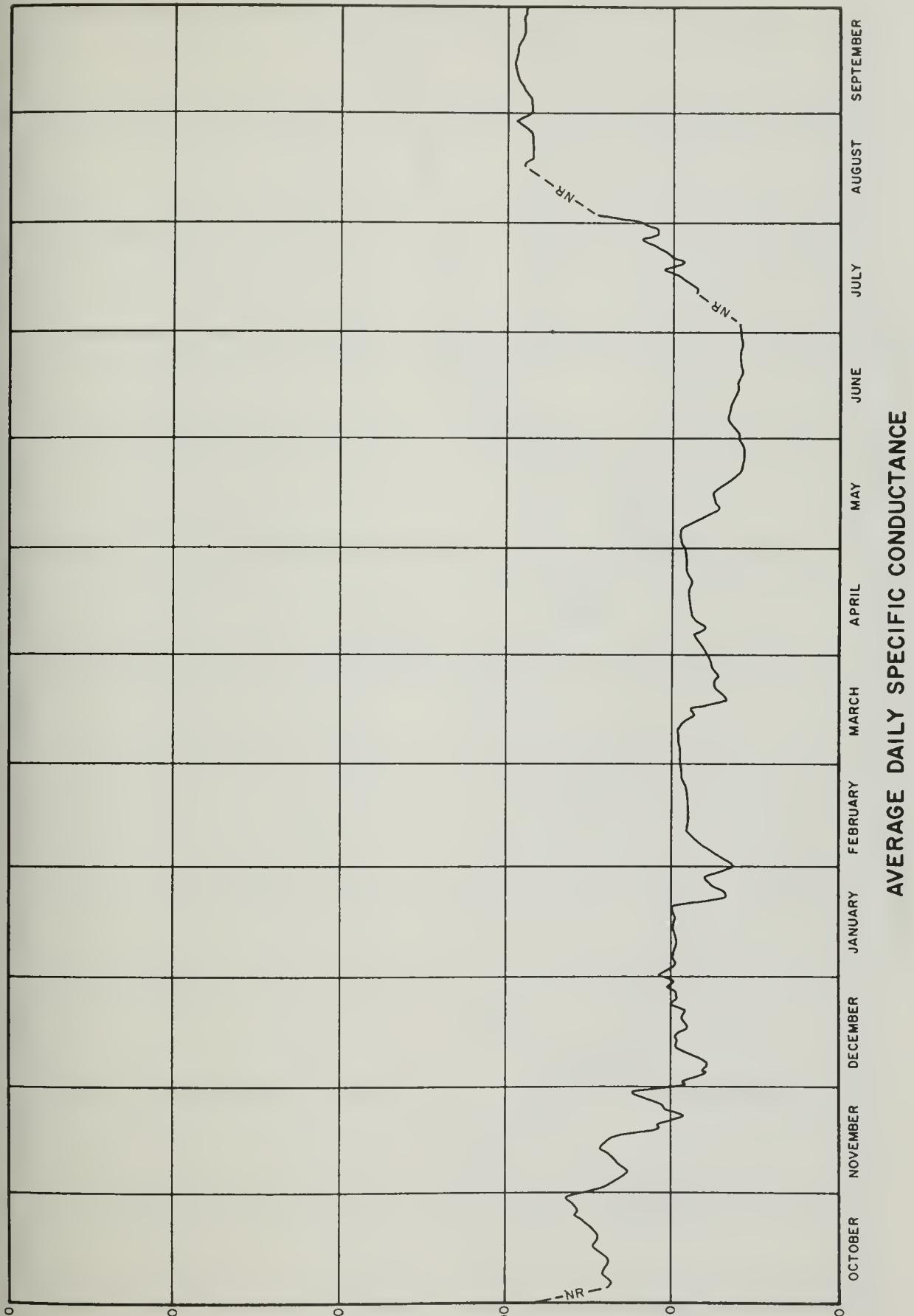


FIGURE D-2
SACRAMENTO RIVER AT SACRAMENTO WEIR (STA. AO 2105.00)



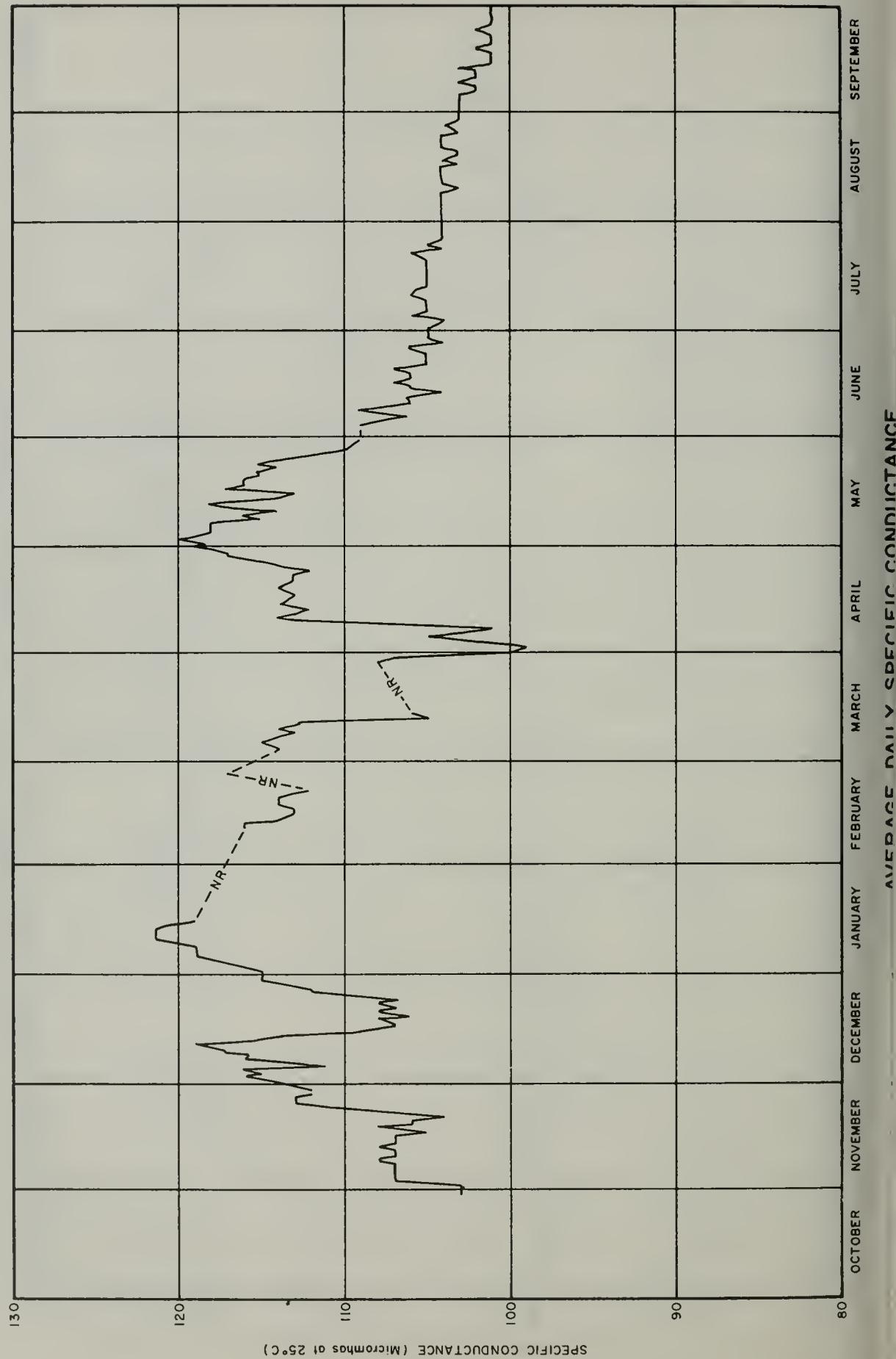
SPECIFIC CONDUCTANCE (Micromhos at 25°C)

FEATHER RIVER ABOVE VERONA (AO 5050.0)



SPECIFIC CONDUCTANCE (Micro-mhos at 25°C)

FIGURE D-4
SACRAMENTO RIVER AT KESWICK DAM (A2 1010.00)



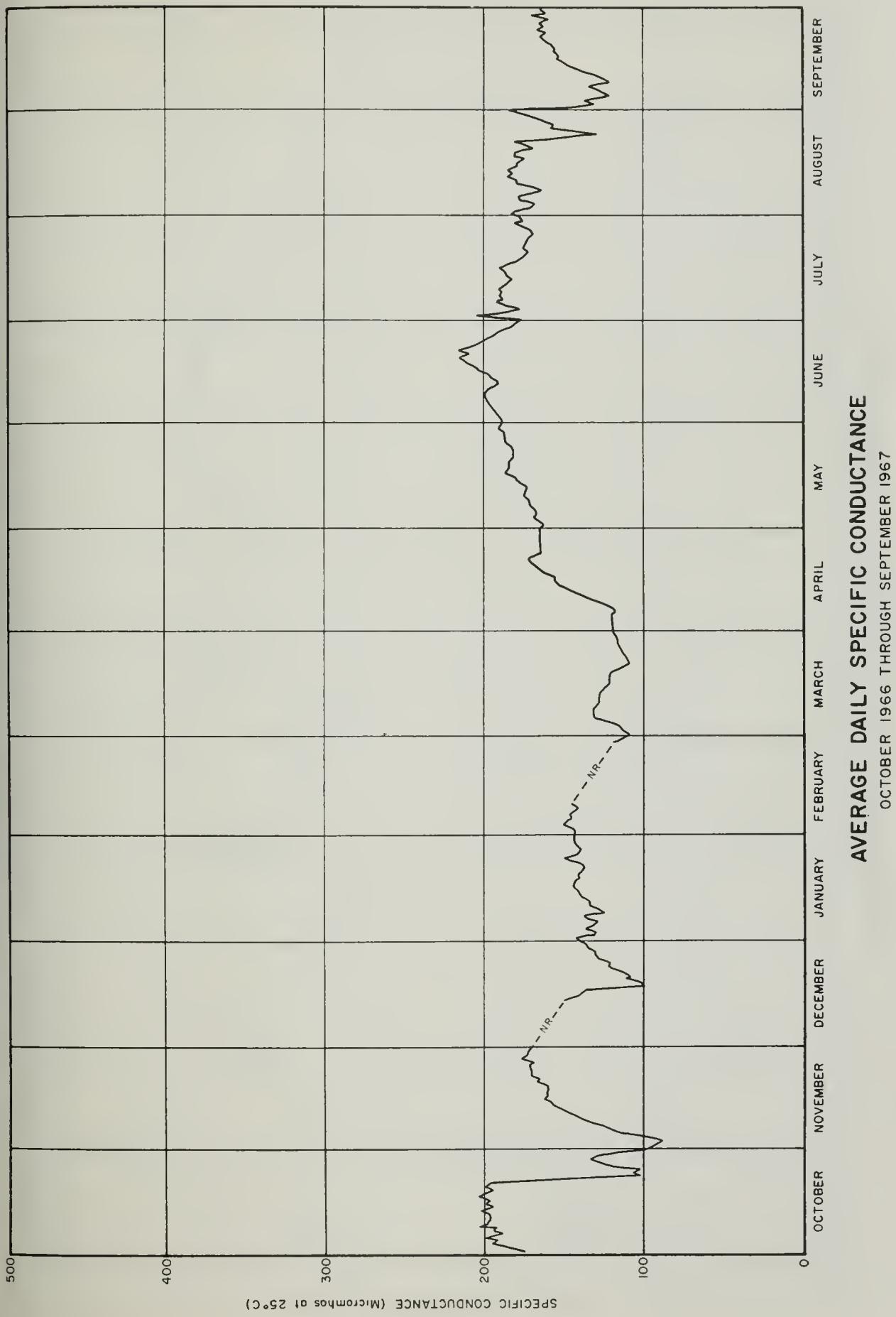
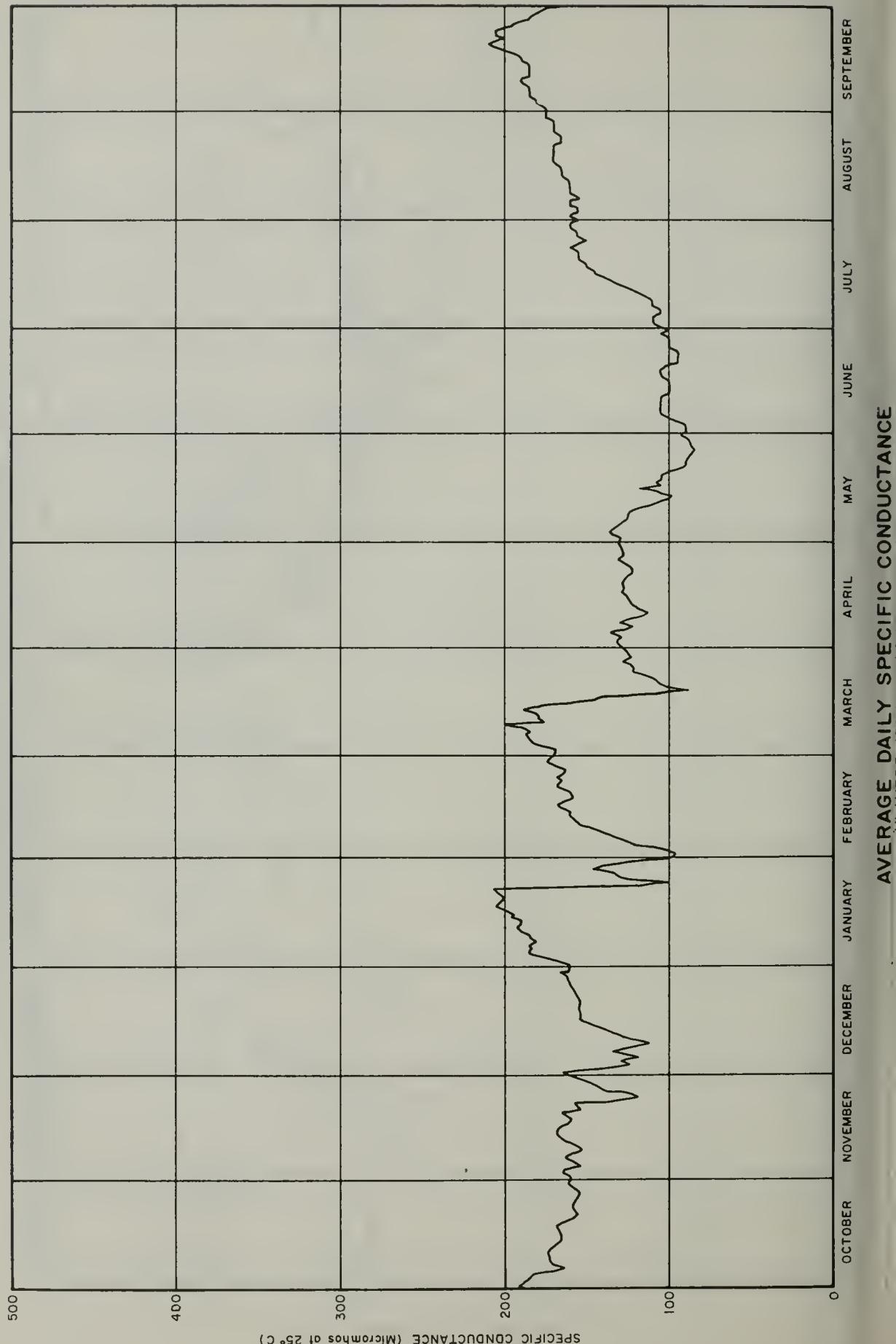


FIGURE D-6
MOKE LUMNE RIVER AT HIGHWAY 12 (B9 4140.01)



SPECIFIC CONDUCTANCE (Micromhos at 25°C)

SAN JUAQUÍN RIVER AT ANTIOCH BRIDGE (EAST JOURNAL)

FIGURE D-7

SPECIFIC CONDUCTANCE (Micromhos at 25°C)

425

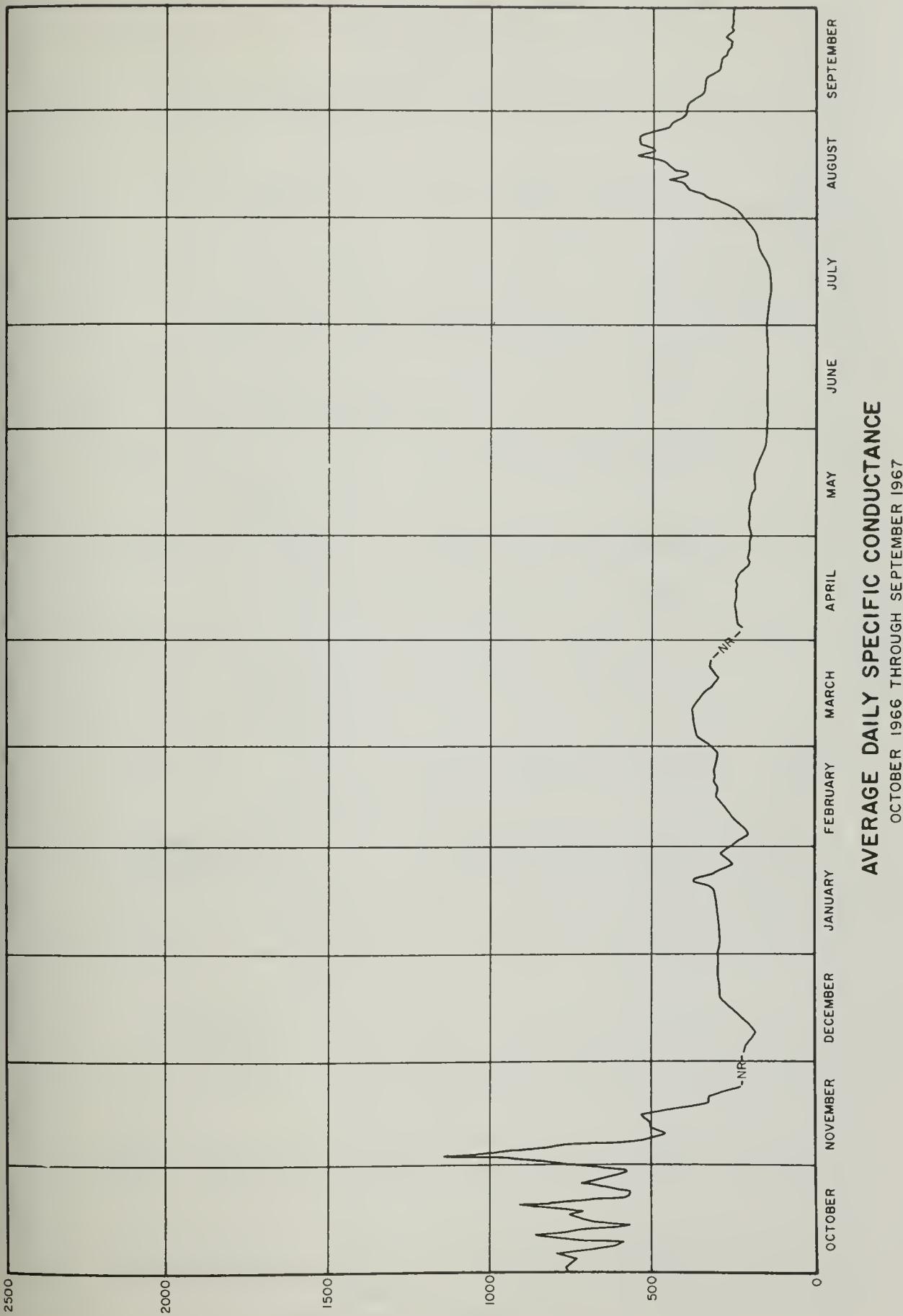


FIGURE D-8
ITALIAN SLOUGH AT CLIFTON COURT ROAD BRIDGE (STA.B9 5285.50)

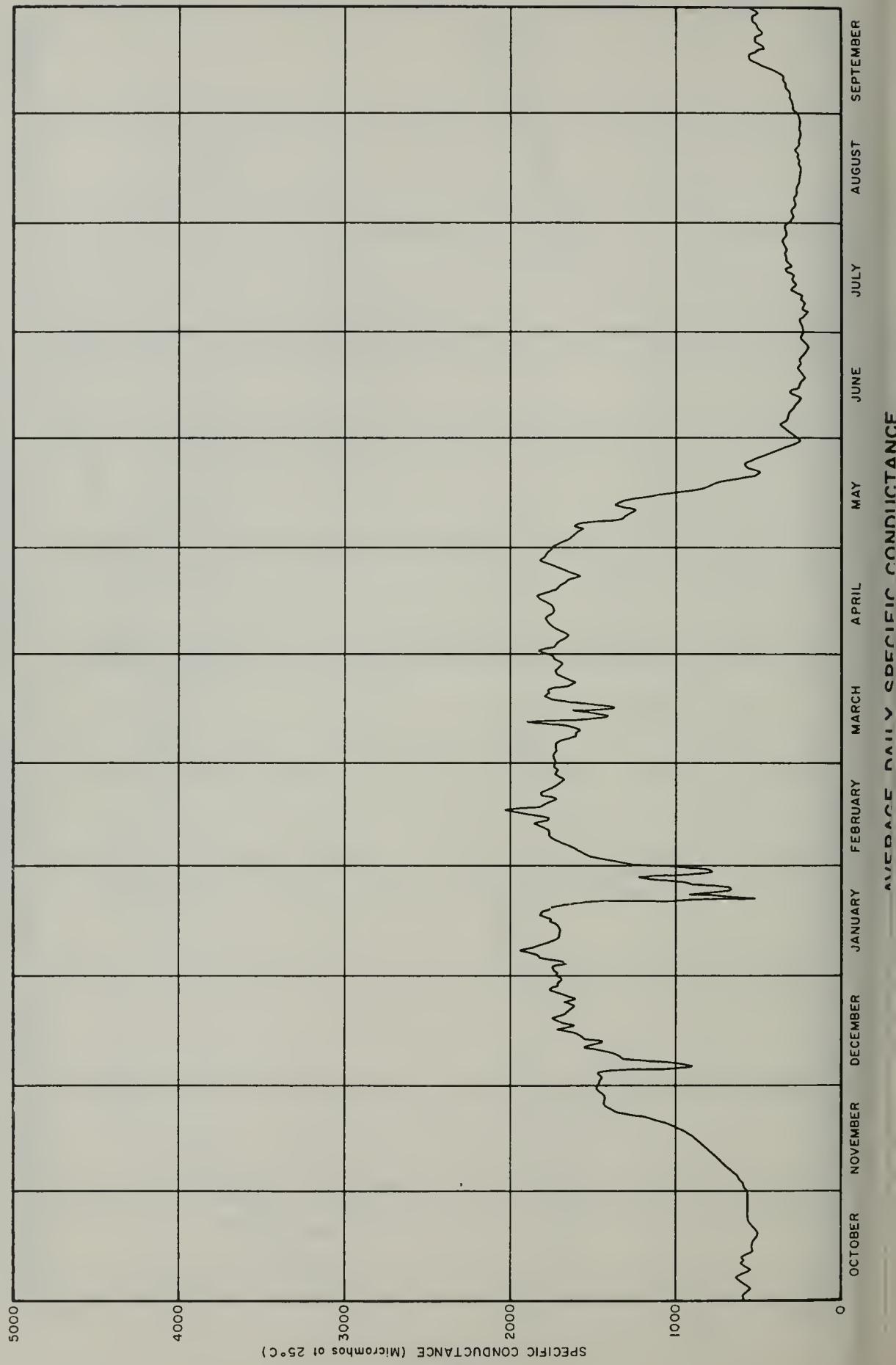


Table D-2
MINERAL ANALYSES OF SURFACE WATER

An explanation of column headings follows:

- LAB - 5000 U. S. Geological Survey.
5050 Department of Water Resources.
- G.H. - The instantaneous gage height in feet above
an established datum.
- Q - The instantaneous discharge measured in cubic
feet per second (cfs).
- DO - The dissolved oxygen content in milligrams
per liter is listed first and is followed
by the percent saturation.
- EC - The specific conductance in micromhos at
 25° Centigrade.
- TDS - Gravimetric determination of total dissolved
solids in milligrams per liter.
- SUM - Determined by addition of analyzed constituents.
- DEPTH - Values are in feet measured from water surface.

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	PH	EC	MILLIGRAMS PER LITER			MILLIEQUIVALENT PER LITER			PERCENT REACTANCE VALUE										
								LAB	LIB	FLD	CA	MG	NA	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	SiO ₂	TDS	TH
SACRAMENTO R AT SACRAMENTO WEIR																								
7A0210500						--	--	164	--	--	--	--	--	--	--	--	9.1	--	--	--	96	--		
A02105.00						--	--	161	--	--	--	--	--	--	--	--	.26	--	--	--	--			
10/08/66	5050	5050				--	--	108	--	--	--	--	--	--	--	--	3.4	--	--	--	95	--		
1400								101	--	--	--	--	--	--	--	--	.10	--	--	--	--			
A02105.00						--	--	153	--	--	--	--	--	--	--	--	5.8	--	--	--	105	--		
11/26/66	5050	5050																.16	--	--	--			
1510																								
A02105.00						--	--	12.30	--	--	--	--	--	--	--	--	6.4	--	--	--	--	--		
12/16/66	5050	5050																.18	--	--	--	--		
1440																								
A02105.00						--	--	186	--	--	--	--	--	--	--	--	10	--	--	--	127	--		
01/04/67	5050	5050						204	--	--	--	--	--	--	--	--	.28	--	--	--	--			
0945																								
A02105.00						--	--	206	--	--	--	--	--	--	--	--	8.5	--	--	--	116	--		
01/17/67	5050	5050						203	--	--	--	--	--	--	--	--	.24	--	--	--	--			
1225																								
A02105.00						--	--	173	--	--	--	--	--	--	--	--								
02/20/67	5050	5050																						
1330																								
A02105.00						--	--	44 F	--	--	--	--	--	--	--	--	2.3	--	--	--	90	--		
03/14/67	5050	5050															.06	--	--	--	--			
0905																								
A02105.00						--	--	54 F	--	--	--	--	--	--	--	--	4.2	--	--	--	58	--		
04/26/67	5050	5050																.12	--	--	--			
1445																								
A02105.00						--	--										3.7	--	--	--	78	--		
05/31/67	5050	5050																.10	--	--	--	--		
1130																								

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	SAT	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER									
									FLO	FLD	CA	MG	NA	K	C03	HCO3	S04	CL	N03	F	B	SI02	TDS	TH
SACRAMENTO R BL SACRAMENTO SLOUGH NR VERONA																								
A02154.10 03/07/67 1400	5050			10.9 99	52 F	-- 7.5	-- 200															--	--	
A02154.10 04/04/67 1345	5050			11.1 101	52 F	-- 7.7	-- 165															--	--	
A02154.10 05/02/67 1230	5050			10.3 102	59 F	-- 7.7	-- 185															--	--	
A02154.10 05/23/67 1300	5050			11.0 111	61 F	-- 6.9	-- 90															--	--	
A02154.10 06/07/67 1400	5050			9.6 99	63 F	-- 7.5	-- 192															--	--	
A02154.10 07/05/67 0930	5050			8.1 91	71 F	-- 7.2	-- 160															--	--	
A02154.10 08/01/67 1215	5050			8.5 95	70 F	-- 7.7	-- 200															--	--	
A02154.10 09/12/67 1330	5050			9.8 103	64 F	-- 7.3	-- 150															--	--	

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER						MILLIGRAMS PER LITER									
								LAB	FLU	CA	MG	NA	K	C03	HCO3	S04	CL	N03	F	S	S102	TDS	TH
SACRAMENTO RIVER BELOW KNIGHTS LANDING (14d)																							
A02195.01	21-18	8.7	6.9	F	7.6	158	--	--	10	--	0.0	71	--	5.1	--	0.0	--	--	--	--	--	72	
07/12/67	5050	69	69		7.7																		14
1130	5050																						
A02195.01	20-26	9.0	67.5F	8.0	176	--	--	--	12	--	0.0	82	--	6.3	--	0.0	--	--	--	--	--	61	
08/11/67	5050	0200.0	98	98	7.7																		0
1015	5050																						
A02195.01	22-93	9.1	65.0F	8.2	208	13	8.8	15	1.2	0.0	91	17	1.6	1.9	--	0.5	--	145	66				
09/13/67	5050	3200.0	96	7.5																			110
1045	5050																						0

TABLE D-2

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN SACRAMENTO RIVER AT COLUSA (13b)						MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER MILLIGRAMS PER LITER								
								LAB	FLU	CA	Mg	NA	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	SiO ₂	TDS	TH
A02420.00	10/05/66	5050	42.48	3.9	66	F	7.5	132	9.5	6.1	1.1	0.0	62	--	2.6	--	0.0	--	--	--	4.9	0
	1900	5050			106		7.3		4.7	.51	.27	.03	1.02		.07							
A02420.00	11/03/66	5050	42.57	10.4	57	F	8.1	129	10	5.9	7.0	0.0	66	--	3.0	--	0.0	--	--	--	5.0	0
	1255	5050			100		7.4		5.0	.48	.30	.03	1.12		.08							
A02420.00	12/14/66	5050	57.78	10.6	51	F	8.1	136	12	5.8	6.6	1.2	0.0	66	--	2.9	--	0.0	--	--	5.4	0
	1015	5050			95		7.2		6.0	.48	.29	.03	1.08		.08							
A02420.00	01/09/67	5050	43.67	11.5	48	F	8.1	164	14	6.9	6.6	1.3	0.0	77	--	4.6	--	0.1	--	--	6.4	1
	1615	5050			99		7.3		7.0	.57	.37	.03	1.26		.13							
A02420.00	02/20/67	5050	51.18	11.3	51	F	8.0	151	14	6.4	7.2	1.2	0.0	77	--	4.6	--	0.1	--	--	6.2	2
	1145	5050			101		7.6		7.0	.53	.31	.03	1.21		.10							
A02420.00	03/14/67	5050	48.76	12.4	46	F	8.0	126	11	5.4	6.7	1.0	0.0	62	--	2.9	--	0.0	--	--	5.0	0
	1315	5050			104		7.4		5.5	.44	.29	.03	1.02		.08							
A02420.00	04/11/67	5050	53.74	11.1	50.5	F	8.0	130	11	5.6	6.4	1.0	0.0	64	--	2.3	--	0.0	--	--	5.0	0
	1030	5050			99		7.3		5.5	.46	.26	.03	1.05		.06							
A02420.00	05/16/67	5050	52.89	10.4	50	F	7.7	128	12	5.1	6.5	1.1	0.0	67	5.0	2.0	0.6	--	0.0	21	95	
	1430	5050			104		7.4		6.0	.42	.28	.03	1.10		.06							51
A02420.00	06/06/67	5050	51.20	10.4	57	F	8.0	107	11	5.2	6.0	1.0	0.0	65	--	1.2	--	0.0	--	--	4.9	0
	1405	5050			100		7.5		5.5	.43	.26	.03	1.07		.05							
A02420.00	07/11/67	5050	45.92	9.6	64.0	F	7.6	124	--	--	6.1	--	0.0	62	--	2.7	--	0.0	--	--	5.2	1
	1340	5050			100		7.5				.27			1.02		.08						
A02420.00	08/10/67	5050	45.23	9.8	64.0	F	7.8	120	--	--	6.1	--	0.0	62	--	2.7	--	0.0	--	--	4.8	0
	1355	5050			102		7.6				.27			1.02		.08						
A02420.00	09/12/67	5050	45.72	10.1	61.5	F	7.6	119	9.6	5.5	5.6	0.7	0.0	60	6.4	2.6	1.2	0.1	--	0.1	4.6	
	1400	5050			102		7.5		4.8	.45	.25	.02	21		.07							0

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	TIME	LAB SAMPLE	G.M.	U.O.	TEMP	SAT	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER						MILLIGRAMS PER LITER												
										LAB	FLU	CA	Mg	Na	K	CO ₃	HCO ₃	SO ₄	CL	NU ₃	F	S	SiO ₂	TUS	TH	TUS	TH	
SACRAMENTO RIVER ABOVE COLUSA BASTIN DRAIN (14b)																				2.4	--	--	0.0	--	--	51	0	
A02430.02	10/05/66	5050	17.59	64	F	8.1	129	10	6.3	0.8	0.9	0.0	6.8	--	--	--	--	--	--	0.0	--	--	--	--	--	51	0	
	1120	5050	1820.0	93		7.5		*50	*52	*38	*02									0.07								
A02430.02	11/03/66	5050	17.77	58	F	8.0	128	10	5.9	0.8	1.0	0.0	6.9	--	--	3.0	--	--	--	0.0	--	--	--	--	--	50	0	
	1405	5050	1970.0	103		7.4		*50	*48	*30	*03								0.08	1.13								
A02430.02	12/14/66	5050	35.85	54	F	8.1	142	12	6.0	8.2	1.2	0.0	6.8	--	--	3.2	--	--	--	0.0	--	--	--	--	--	54	0	
	1140	5050	24400.0	97		7.1		*60	*49	*36	*03								0.09	1.12								
A02430.02	01/10/67	5050	20.60	46	F	8.2	200	15	8.6	1.3	1.2	0.0	9.1	--	--	1.2	--	--	--	0.0	--	--	--	--	--	73	0	
	0900	5050	9670.0	94		7.3		*75	*71	*57	*03								1.49	1.49								
A02430.02	02/20/67	5050	28.95	49	F	8.1	166	14	7.0	9.1	1.3	0.0	8.0	--	--	1.31	--	--	--	0.0	--	--	--	--	--	64	0	
	1300	5050	18500.0	98		7.4		*70	*58	*40	*03								1.14	1.14								
A02430.02	03/14/67	5050	26.90	48	F	8.1	133	12	5.8	7.3	1.0	0.0	6.4	--	--	4.8	--	--	--	0.0	--	--	--	--	--	54	0	
	1630	5050	14700.0	98		7.4		*60	*48	*32	*03								1.11									
A02430.02	04/11/67	5050	32.43	10.7	F	7.9	129	11	5.7	6.3	0.9	0.0	6.3	--	--	2.7	--	--	--	0.0	--	--	--	--	--	51	0	
	1330	5050	21200.0	93		7.4		*55	*47	*27	*02								1.03	1.03								
A02430.02	05/17/67	5050	30.35	10.1	61	F	7.7	133	12	5.4	6.9	1.1	0.0	6.7	--	--	2.7	--	--	--	0.0	--	--	--	--	--	52	0
	1115	5050	17400.0	102		7.4		*60	*44	*30	*03								1.10	1.18								
A02430.02	06/07/67	5050	17000.0	87		7.5		*60	*49	*33	*03								0.8	0.8								
	1130	5050																		0.08								
A02430.02	07/12/67	5050	9520.0	100		7.5		141	12	6.0	7.5	1.0	0.0	6.9	--	--	3.0	--	--	--	0.0	--	--	--	--	--	54	0
	1025	5050																		0.08								
A02430.02	08/11/67	5050	20.26	9.2	67.0UF	7.8	149	--	--	7.4	--	9.4	--	0.0	6.5	--	3.6	--	--	0.0	--	--	--	--	--	53	0	
	1030	5050	9540.0	99		7.7														1.07								
A02430.02	09/13/67	5050	22.93	9.3	64.0F	8.0	159	11	7.1	7.0	1.0	0.9	6.0	--	--	4.6	--	--	--	0.0	--	--	--	--	--	56	0	
	1010	5050	11700.0	97		7.5		*55	*58	*44	*02								1.14	1.14								
																				0.25	0.25							
																				1.12	1.12							
																				0.14	0.14							
																				0.28	0.28							
																				1.18	1.18							
																				0.11	0.11							

TABLE D-2

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN SACRAMENTO RIVER AT BUTTE CITY (87a)						MILLIGRAMS PER LITER													
								LAB	FLU	LAH	FLD	CA	Mg	NA	K	CU3	HCU3	CU4	CL	NO2	F	S	ClO2	TDS	IH		
A02500.00	10/05/66	5050	6760.0	10.1	59	F	8.0	126	9.9	6.2	5.7	1.0	0.0	0.0	0.0	67	--	2.6	--	--	0.0	--	--	--	50	0	
0915		5050		100			7.4		4.9	51	22	0.3				1.10		0.07									
A02500.00	11/03/66	5050	6260.0	10.6	56	F	8.0	130	1.0	5.8	7.2	1.2	0.0	0.0	0.0	67	--	2.5	--	--	0.0	--	--	--	49	0	
1130		5050		101			7.3		50	46	31	0.3				1.10		0.07									
A02500.00	12/14/66	5050	23200.0	97	52	F	8.2	139	1.2	5.6	6.9	1.1	0.0	0.0	0.0	67	--	2.6	--	--	0.0	--	--	--	53	0	
0930		5050							60	46	30	0.3				1.10		0.08									
A02500.00	01/09/67	5050	1300.0	11.0	47	F	8.1	161	1.3	6.9	8.9	1.3	0.0	0.0	0.0	80	--	4.5	--	--	0.0	--	--	--	61	0	
1515		5050		93			7.3		65	57	39	0.3				1.31		0.13									
A02500.00	02/20/67	5050	16800.0	98	49	F	8.0	150	1.3	6.5	7.7	1.0	0.0	0.0	0.0	77	--	3.4	--	--	0.0	--	--	--	59	0	
1145		5050							65	53	33	0.3				1.26		0.10									
A02500.00	03/14/67	5050	13000.0	101	49	F	7.9	129	1.1	5.6	6.8	1.0	0.0	0.0	0.0	65	--	3.2	--	--	0.0	--	--	--	50	0	
1200		5050							55	46	30	0.3				1.07		0.09									
A02500.00	04/10/67	5050	19500.0	98	51	F	7.9	131	1.2	5.5	6.4	1.0	0.0	0.0	0.0	65	--	3.2	--	--	0.0	--	--	--	52	1	
1540		5050							60	45	28	0.3				1.03		1.07									
A02500.00	05/16/67	5050	19500.0	105	60	F	7.7	127	1.2	5.0	6.2	1.1	0.0	0.0	0.0	63	--	2.4	--	--	0.0	--	--	--	50	0	
1355		5050							73	41	27	0.3				1.03		0.07									
A02500.00	06/06/67	5050	17100.0	99	56	F	8.0	126	1.1	5.3	6.2	1.0	0.0	0.0	0.0	66	--	2.2	--	--	0.02	--	--	--	50	0	
1315		5050							55	44	27	0.3				1.03		0.06									
A02500.00	07/11/67	5050	11400.0	100	64.0F		8.0	123	--	6.1	--	0.0	0.0	0.0	0.0	63	--	2.8	--	--	0.0	--	--	--	50	0	
1255		5050							77	61	27	0.3				1.03		0.08									
A02500.00	08/10/67	5050	10500.0	103	64.0F		7.7	119	--	6.1	--	0.0	0.0	0.0	0.0	60	--	2.8	--	--	0.0	--	--	--	47	0	
1300		5050								66	51	21	2				78		0.08								
A02500.00	09/12/67	5050	10800.0	103	61.0F		7.8	116	1.0	5.6	5.7	1.1	0.0	0.0	0.0	59		2.6	--	--	0.1	--	--	--	48	0	
1305		5050								50	46	25	0.3				74		0.07								
										37	20							6									

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAH	G.R.	U.O.	SAT	TIME	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER										MILLIGRAMS PER LITER						
										LAB	FLD	CA	Mg	Na	K	Cu3	HCO ₃	SO ₄	CL	NU ₃	F	θ	SIO ₂	IUS	TH	SUM
SACRAMENTO RIVER AT HAMILTON CITY (13)																										
A02630.00	10/05/66	5050	6969.0	28.26	10.0	58 F	8.0	119	9.1	5.9	5.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47	0
	07/15	5050								4.5	4.8	2.2	0.02	1.03												
A02630.00	11/03/66	5050	7467.0	28.42	11.6	52 F	7.7	122	9.7	5.7	6.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48	0
	09/30	5050								4.8	4.7	2.1	0.03	1.07												
A02630.00	12/05/66	5050	57900.0	38.70	10.5	50 F	7.8	114	11	5.0	4.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48	2
	12/30	5050								5.5	4.1	2.1	0.04	0.92												
A02630.00	01/09/67	5050	7134.0	28.30	11.4	46 F	8.2	151	13	6.4	8.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59	0
	13/00	5050								6.5	5.3	3.5	0.03	1.20												
A02630.00	02/20/67	5050	5170.0	30.78	11.6	46 F	8.1	141	12	6.0	6.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54	0
	09/45	5050								6.0	4.9	3.0	0.03	1.12												
A02630.00	03/14/67	5050	2220.0	29.97	11.7	45 F	7.9	131	12	5.7	6.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54	2
	09/30	5050								6.0	4.7	3.0	0.03	1.03												
A02630.00	04/10/67	5050	48780.0	31.78	11.2	50 F	7.8	130	12	5.6	6.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53	2
	13/05	5050								6.0	4.6	2.8	0.03	1.02												
A02630.00	05/16/67	5050	20220.0	32.13	11.3	57 F	7.6	119	11	4.8	5.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47	0
	10/45	5050								5.5	3.9	2.5	0.03	0.97												
A02630.00	06/08/67	5050	17050.0	31.28	10.2	54 F	7.9	116	11	5.0	5.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48	0
	09/40	5050								5.5	4.1	2.5	0.03	1.02												
A02630.00	07/11/67	5050	1260.0	29.64	10.5	58 F	7.4	119	—	5.9	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45	0
	09/45	5050								4.5	3.2	2.0	0.03	0.81												
A02630.00	08/10/67	5050	1030.0	29.51	9.3	58 F	7.9	116	—	5.8	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45	0
	09/35	5050								5.5	4.1	2.5	0.03	0.81												
A02630.00	09/12/67	5050	10990.0	29.55	10.4	57 F	7.4	115	9.0	5.1	5.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44	0
										4.5	4.2	2.2	0.02	0.89												

STATION NUMBER	DATE	TIME	SAMPLE	LAB	G.H.	D.O.	TEMP	PH	EC	MINERAL CONSTITUENTS IN SACRAMENTO RIVER AT BEND (12c)										MILLIEQUIVALENTS PER LITER						
										LAB	LAB	FLD	CA	Mg	Na	K	Cu3	HCU3	S04	CL	NO3	F	B	S102	TDS	TH SUM
A02/85.00	10/04/66	1120	5050	76/0.0	10.0	54.5F	8.1	113	5.4	5.9	5.1	0.8	0.0	61	--	1.7	0.8	--	0.0	--	--	--	--	--	46	0
					102		7.2			.42	.48	.22			1.00		.05									
A02/85.00	11/02/66	1300	5050	8000.0	10.0	54 F	7.0	118	10	5.2	5.9	1.0	0.0	64	--	2.0	1.5	--	0.0	--	--	--	--	--	46	0
							7.3			.50	.43	.26			1.05		.06									
A02/85.00	12/06/66	0800	5050	47280.0	97	52 F	8.0	119	10	5.0	6.2	1.2	0.0	56	--	2.2	1.2	--	0.0	--	--	--	--	--	46	0
							7.1			.50	.41	.27			.92		.06									
A02/85.00	01/04/67	0830	5050	19.60	96	48 F	8.2	132	11	5.4	7.7	1.2	0.0	68	--	2.8	0.6	--	0.1	--	--	--	--	--	50	0
							7.3			.55	.44	.33			1.12		.08									
A02/85.00	02/17/67	0935	5050	21.96	99	46 F	8.0	128	11	5.3	6.7	1.1	0.0	64	--	2.3	0.8	--	0.0	--	--	--	--	--	50	0
							7.1			.55	.44	.29			1.05		.06									
A02/85.00	03/06/67	1530	5050	8367.0	107	51 F	8.0	131	11	5.4	6.9	1.1	0.0	61	--	2.5	0.8	--	0.0	--	--	--	--	--	50	0
							7.4			.55	.44	.30			1.00		.07									
A02/85.00	04/06/67	0830	5050	4436.0	101	49 F	8.0	127	11	5.5	6.3	0.8	0.0	62	--	2.7	0.9	--	0.0	--	--	--	--	--	50	0
							7.3			.55	.45	.27			1.02		.08									
A02/85.00	05/04/67	0820	5050	22.78	102	51 F	7.0	127	12	5.0	6.6	1.1	0.0	53	9.0	2.0	0.6	--	0.0	20	100	50	0	87		
							7.3			.60	.41	.29			1.03		.19									
A02/85.00	05/31/67	1150	5050	22.86	101	50 F	7.0	103	9.3	4.2	5.0	0.9	0.0	56	--	1.3	0.7	--	0.0	--	--	--	--	--	44	0
							7.4			.46	.35	.22			.92		.04									
A02/85.00	07/05/67	0745	5050	21.55	94	50 F	7.6	119	--	--	5.4	--	0.0	57	--	2.1	--	--	0.0	--	--	--	--	--	44	0
							7.3																			
A02/85.00	08/04/67	0745	5050	21.23	95	52.5F	7.0	113	--	--	5.7	--	0.0	57	3.6	2.5	--	--	0.0	--	--	--	--	--	45	0
							7.3																			
A02/85.00	09/06/67	1345	5050	21.06	98	54.0F	7.0	106	8.2	5.1	4.9	0.8	0.0	56	6.6	1.0	0.5	--	0.1	--	--	--	--	42	0	
							7.3			.42	.42	.21			.92		.14									

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN SACRAMENTO SLOUGH NEAR KNIGHTS LANDING (14a)						MILLIEQUIVALENTS PER LITER						MILLIGRAMS PER LITER									
								LAB	LAB	CA	MG	NA	K	CO ₃	HCO ₃	SO ₄	CL	N0 ₃	F	B	SIO ₂	TUS	TH	TUS	TH	NCH			
TIME	SAMPLER	Q	SAT		FLD	FLD																							
A02925.00	10/05/66	5050	187.0	8.6	64 F	8.6	95	696	40	32	58	1.4	1.0	264	--	81	--	0.1	--	--	--	--	--	--	--	232	0		
1140	5050								2.00	2.63	2.52	.04	.33	4.33				2.28									205	0	
A02925.00	11/03/66	5050	1430	8.7	64 F	8.6	91	593	36	28	48	3.2	1.4	248	--	54	--	0.1	--	--	--								
									1.80	2.30	2.09	.08	.47	4.07				1.52											
A02925.00	01/10/67	5050	1000.0	17.13	10.8	44 F	8.2	514	34	25	40	1.6	0.0	240	--	40	--	0.0	--	--	--							188	0
									7.6	1.70	2.06	1.74	.04					3.94											
A02925.00	07/12/67	5050	812.0	17.02	6.3	81.0F	7.8	549	--	--	81	--	0.0	229	--	92	--	0.1	--	--	--							193	5
									7.7			3.52					3.76		2.59										
A02925.00	08/11/67	5050	790.0	15.36	6.4	78.0F	8.0	522	--	--	39	--	0.0	230	--	41	--	0.1	--	--	--							181	0
									7.6			1.70					3.77		1.16										
A02925.00	09/13/67	5050	1540.0	18.02	6.7	72.0F	8.4	523	32	24	39	1.5	4.0	213		15	42		2.6	--							288	179	
									7.5	1.60	1.97	1.70	.04	.13	3.49	.31	1.18	.04										265	0
									30	37	32	1				6	68	6											

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN COLUSA BASIN DRAINS NEAR KNIGHTS LANDING (87b)										MILLIEQUIVALENS PER LITER				
								LAB FLD	LAB FLD	CA FLD	MG FLD	NA FLD	K FLD	CO ₃ MC03	SO ₄ MC03	CL SO ₄	NO ₃ CL	F NO ₃	S102 d	TDS SUM	TH NCH	
A02947.10 03/14/67	5050 1600			12.4 11.4	5.3 F	8.4 8.5	1410	56	49	195	<0	0.0	344	294	121	1.9	--	0.4	11	892 905	341 49	
A02947.10 04/11/67	5050 1300			10.4 10.0	5.7 F	8.3 8.1	893	39	28	115	2.0	0.05	20	5.64	6.12	4.41	.03	--	0.4	11	905	341
A02947.10 05/17/67	5050 1005			25.0 20.9	8.4 F	8.0.8	615	32	23	67	1.8	0.05	-13	3.38	3.39	2.14	.03	--	0.4	14	516 544	212 37
A02947.10 06/07/67	5050 0945			2900.0	7.1 F	7.2	426	21	14	47	2.1	0.0	1	1	37	37	24	--	0.4	14	516 544	212 37
A02947.10 07/12/67	5050 0830			430.0	8.1.0 F	8.2	771	33	25	93	1.6	0.0	150	60	19	1.7	--	0.1	11	376 249	174 0	
A02947.10 08/11/67	5050 0825			70	7.9	7.9	1.65	1.15	2.04	0.05	2.46	1.25	54	1.21	2.04	2.74	.02	--	0.2	16	376 249	174 0
A02947.10 09/13/67	5050 0845			1580.0	7.2 F	8.2	543	41	12	54	1.5	0.0	238	116	50	2.0	--	0.4	--	11	376 249	174 0
					7.0 F	7.9	639	30	26	71	1.0	0.0	240	75	37	0.7	--	0.3	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.3	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249	174 0
					7.8 F	7.8	2.05	2.35	4.6	1	3.59	1.10	.03	66	20	13	--	0.1	--	11	376 249	174 0
					7.9 F	7.9	1.50	2.14	3.09	.03	3.94	1.56	1.04	60	24	16	--	0.1	--	11	376 249</td	

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER				PH				EC				MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER				MILLIEQUIVALENTS PER LITER				PERCENT RESISTANCE VALUE				MILLIGRAMS PER LITER			
DATE	LAB	G.H.	U.O.	TEMP	Lab	Lab	F.D.	CA	MG	NA	K	CO ₃	HC ₀₃	S _O ₄	CL	NO ₃	F	B	S _I 0 ₂	T.S.	TH	Sum	N.C.H.								
TIME	SAMPLEH	Q	SAT																												
A02976.00																															
10/05/66	5050	126.0	91	38.2	66 F	7.6	574	30	22	60	2.0	0.0	216	73	31	2.0	--	0.20	16	3440	166										
0940	5050							1.50	1.81	2.61	.05	3.54	1.52	87	.03					342	0										
A02976.00																															
11/03/66	5050	197.0	95	38.68	60 F	8.4	606	30	2.3	68	3.2	2.0	220	76	33	2.7	0.3	0.4	21	378	170										
1210	5050																														
A02976.00																															
12/14/66	5050	546.0	94	40.30	10.1	54 F	8.0	937	40	32	118	2.7	0.0	265	60	2.0	--	0.3	16	620	232										
1050	5050																														
A02976.00																															
01/09/67	5050	154.0	107	38.30	12.8	46 F	8.2	1190	49	44	159	1.7	0.0	326	223	87	1.6	0.4	0.3	13	772	304									
1600	5050																														
A02976.00																															
02/20/67	5050	288.0	99	38.89	11.1	51 F	8.4	1280	50	7.0	166	1.7	0.0	326	113	105	1.5	--	0.4	12	796	166									
1130	5050																														
A02976.00																															
03/14/67	5050	218.0	100	38.40	11.2	51 F	8.3	1370	58	46	189	2.3	0.0	316	277	132	2.6	--	0.4	13	836	334									
1245	5050																														
A02976.00																															
04/11/67	5050	416.0	97	39.47	10.7	52 F	8.5	797	38	27	98	1.4	0.0	198	141	60	1.0	--	0.4	18	472	206									
1110	5050																														
A02976.00																															
05/17/67	5050	66.0	67	37.72	5.8	74 F	7.5	815	35	28	47	2.2	0.0	175	174	60	5.4	--	0.3	15	504	202									
0820	5050																														
A02976.00																															
06/07/67	5050	2459.0	74	47.05	1.0	65 F	7.4	421	21	15	46	1.9	0.0	151	57	16	1.8	--	0.1	11	254	114									
0750	5050																														
A02976.00																															
07/12/67	5050	529.0	76	40.52	6.2	80.0F	8.1	635	28	22	70	1.2	0.0	213	84	34	1.4	--	0.4	--	404	162									
0710	5050																														
A02976.00																															
08/11/67	5050	738.0	83	41.51	1.2	74.0F	7.7	1.40	1.81	3.05	48	0.7	0.0	3.49	1.72	96	.02		0.4	--	345	0									
0700	5050																														
A02976.00																															
08/12/67	5050	1250.0	86	43.47	1.9	68.0F	8.4	520	30	20	49	1.3	0.0	210	48	22	2.3	--	0.4	--	404	162									
0700	5050																														
A02976.00																															
08/13/67	5050	1250.0	86	43.47	1.9	68.0F	7.9	546	34	20	55	0.7	0.0	222	59	25	2.0	--	0.3	--	282	166									
0700	5050																														
A02976.00																															
08/14/67	5050	1250.0	86	43.47	1.9	68.0F	7.9	520	30	20	49	1.3	0.0	210	48	22	2.3	--	0.4	--	404	162									
0700	5050																														

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN THOMAS CREEK AT RICHFIELD (95b)						MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER					
								LAB FLD	LAB FLD	CA	Mg	Na	K	CO ₃	HCO ₃	SU4	CL	NO3	F	B	SiO ₂	TDS	TH SUM
A03200.00 05/05/67	5050 1200	75.0 5050	10.7 105	5.0 F	8.0 8.0	211	29	8.6	5.1	0.9	0.0	0.0	0.0	1.16	21	1.6	--	0.0	11	1.38	108	1.3	
A03200.00 09/07/67	5050 1000	1.0 1.11	9.5 111	74.0 F	8.2 7.1	462	52	18	9.6	0.6	0.0	0.0	0.0	1.90	44	0.05	.02	1	--	1.35	204	24	
								2.05	1.48	.42	.02	.02	.02	2.20	36	5.9	9.4	--	0.1	--	226	239	
								2.57	3.33	9				3.61	75	.17	.15	3					
														77	16	4							

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H. (g)	DO SAT	TEMP F	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER						MILLIGRAMS PER LITER						
								LAB	FLU	CA	Mg	Na	K	Cu3	HCO ₃	SO ₄	Cl	NO ₃	B	
ELDER CREEK AT GERBER (95a)																				
A03320.00	5.30	52	F	8.3	262	21	1.4	1.0	0.9	2.0	1.16	--	--	0.0	--	--	--	--	--	
11/21/66	5050	195.0	96	8.0	1.03	1.15	.44	.02	.07	1.90	.39	--	--	--	--	--	--	--	110	
1435	5050	4.77	12.1	47	F	8.5	384	31	22	1.5	0.8	1.0	1.78	--	--	--	--	--	12	
A03320.00	4.00	33.0	104	7.9	1.55	1.81	.65	.02	.23	2.92	.62	--	--	--	--	--	--	--	168	
01/03/67	5050	1400	5050	5.18	14.1	61	F	8.8	330	29	21	0.8	1.2	1.60	--	--	--	--	--	11
03/07/67	5050	1225	5050	76.0	143	8.4	1.45	1.73	.48	.02	.40	2.62	--	--	--	--	--	--	--	159
A03320.00	5.45	235.0	104	65	F	8.4	257	25	18	1.7	0.8	4.0	157	14	4.6	0.9	--	0.2	15	136
05/05/67	5050	1220	5050	9.1	8.2	1.25	1.48	.33	.02	.13	2.57	.29	.13	.01	--	--	--	--	167	1
A03320.00	4.30	7.6	120	9.1	86	F	8.6	361	--	1.1	1	4	82	9	4	--	--	--	--	148
07/06/67	5050	1150	5050	3.72	82.0	F	8.6	--	.52	--	1.0	1.62	--	16	--	--	--	--	--	0
A03320.00	3.02	123	.4	82.0	508	45	29	20	1.3	8.0	246	1	24	0.6	--	0.2	--	--	229	
09/07/67	5050	1030	5050	3.12	2.25	41	2.38	.87	.03	.27	4.03	.35	.08	.01	7	.13	--	--	233	
																			266	
																			18	

STATION NUMBER	DATE	TIME	LAU	SAMPLE	O, H, W	D.O	TEMP	SAI	MINERAL CONSTITUENTS IN RED BANK CREEK NEAR RED BLUFF (88d)						MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT MEASUREMENT VALUE						MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT MEASUREMENT VALUE					
									PH LAB FLD	EC LAB FLD	LAU FLD	KA FLD	Mg NA K	Ca CO ₃	Su ₄ HCO ₃	Cl NO ₃	F CL	d SiO ₂	TDS SUM	TH SUM	NCH					
A03460.00	11/21/66	1400	5050	4.40	10.2	51	F	B.1	260	25	12	B.6	1.1	0.0	108	--	--	0.1	--	--	--	--	112	24		
								B.3	1.25	0.99	0.37	0.03			1.77											
A03460.00	01/09/67	0900	5050	3.48	12.5	42	F	B.5	529	52	30	17	0.8	1.0	243	--	--	0.1	--	--	--		253	37		
								B.0	2.59	2.47	0.74	.02	.33	3.99												
A03460.00	03/14/67	0645	5050	4.50	11.0	45	F	B.4	498	52	29	16	0.6	5.0	246	--	--	0.0	--	--	--		249	39		
								B.0	2.54	2.38	0.70	.02	.17	4.03												
A03460.00	05/05/67	0935	5050	4.24	10.4	59	F	B.4	502	55	29	15	1.0	4.0	267	49	3.8	0.6	--	0.2	1.5	294	256			
								B.2	2.74	2.38	0.65	*0.3	*1.3	4.38	1.02	0.11	.01						303	31		
A03460.00	07/06/67	0800	5050	6.6	72	1	F	B.1	522	--	--	17	--	0.0	261	--	8.3	--	0.1	--	--	--	248	34		

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	TIME	SAMPLE	G.H.	DO	TEMP	SAT	PH	EC	MINERAL CONSTITUENTS IN COTTONWOOD CREEK AT COTTONWOOD (12b)										PERCENT REACTANCE VALUE	MILLIEQUIVALENTS PER LITER	MILLIGRAMS PER LITER	TDS	TH	NCH	
										LAB	FLD	LA	Mg	Na	K	Cu3	HCO ₃	SU4	CL	NO ₃	F	S	SiO ₂	---		
A03520.00	10/04/66	0900	600.0	60.0	11.4	74	F	8.2	197	1.7	9.9	9.7	1.2	0.0	0.0	0.0	109	--	3.4	--	0.0	--	--	--	83	0
	1045	0900	600.0	60.0	13.3	7.4	F	8.5	81	4.2	0.3	1.79	1.79	0.10	--	--	--	--	--	--	--	--	--	--	--	0
A03520.00	11/02/66	0900	96.0	6.41	11.3	59	F	7.9	141	1.2	7.2	5.8	0.9	0.0	0.0	0.0	78	--	2.9	--	0.0	--	--	--	60	0
	1225	0900	96.0	6.41	112	7.3	F	6.0	59	2.5	0.25	1.28	1.28	0.08	--	--	--	--	--	--	--	--	--	--	0	
A03520.00	12/06/66	0900	9.82	10.7	48	F	8.1	175	17	6.3	1.1	0.0	0.0	0.0	0.0	0.0	82	--	4.5	--	0.0	--	--	--	74	7
	0830	0900	3080.0	9.82	9.3	7.4	F	8.5	85	0.3	0.27	1.34	1.34	0.13	--	--	--	--	--	--	--	--	--	--	7	
A03520.00	01/03/67	0900	350.0	11.1	45	F	8.5	253	25	1.2	9.0	0.8	4.0	4.0	1.18	--	--	0.0	0.0	0.0	0.0	0.0	0.0	0.1	112	9
	1530	0900	350.0	11.1	9.3	7.5	F	7.5	1.25	0.99	0.39	0.02	0.13	1.94	1.94	0.28	--	--	--	--	--	--	--	--	112	9
A03520.00	02/17/67	0900	8.10	11.2	49	F	8.2	232	24	1.1	7.6	0.9	0.0	0.0	0.0	0.0	122	--	4.2	--	0.0	--	--	--	105	5
	1030	0900	1150.0	11.2	101	7.6	F	7.6	1.20	0.90	0.33	0.02	0.07	2.00	2.00	0.12	--	--	--	--	--	--	--	--	105	5
A03520.00	03/06/67	0900	540.0	11.3	50	F	8.4	258	26	1.3	8.9	0.8	2.0	2.0	1.30	--	--	6.6	--	0.0	--	--	--	--	118	6
	0910	0900	540.0	11.3	103	7.8	F	7.8	1.30	1.07	0.39	0.02	0.07	2.13	2.13	0.19	--	--	--	--	--	--	--	--	118	6
A03520.00	04/05/67	0900	7.38	11.3	50	F	8.4	241	24	1.1	8.7	0.8	2.0	2.0	1.30	--	--	6.6	--	0.0	--	--	--	--	105	2
	1105	0900	1360.0	11.6	49.5	F	8.3	241	24	1.1	8.7	0.8	2.0	2.0	1.30	--	--	6.6	--	0.0	--	--	--	--	105	2
A03520.00	05/04/67	0900	1250.0	10.5	103	F	7.7	1.20	0.90	0.38	0.02	0.07	2.00	2.00	0.12	--	--	4.2	--	0.0	--	--	--	--	118	3
	0900	0900	1250.0	10.5	104	F	7.6	1.30	1.07	0.39	0.02	0.07	2.13	2.13	0.19	--	--	--	--	--	--	--	--	--	118	3
A03520.00	05/31/67	0900	780.0	7.96	10.6	49.5	F	8.3	251	26	1.2	8.4	0.9	0.0	0.0	0.0	136	1.5	3.0	1.2	0.0	--	0.0	16	114	3
	1025	0900	780.0	7.96	103	F	8.3	241	24	1.1	8.7	0.8	2.0	2.0	1.30	--	--	6.6	--	0.0	--	--	--	--	114	3
A03520.00	07/05/67	0900	240.0	10.5	7.8	F	8.0	190	21	8.4	6.0	0.9	0.0	0.0	0.0	106	--	2.9	--	0.0	--	--	--	87	0	
	0815	0900	240.0	10.5	102	F	8.3	190	21	8.4	6.0	0.9	0.0	0.0	0.0	106	--	1.74	0.08	1.2	3	1	1	87	0	
A03520.00	08/04/67	0900	700.0	9.2	77.5	F	8.1	231	--	7.9	--	0.0	1.24	1.24	1.24	--	--	5.7	--	0.0	--	--	--	--	106	5
	0815	0900	700.0	9.2	115	F	7.5	7.8	--	3.4	0.38	2.03	2.03	0.16	--	--	5.7	--	0.0	--	--	--	--	--	106	5
A03520.00	09/06/67	0900	700.0	9.1	74.0	F	8.2	229	19	12	8.6	1.2	0.0	0.0	0.0	124	9.0	2.5	0.2	0.0	--	0.0	--	111	0	
	0815	0900	700.0	9.1	112	F	7.3	95	92	1.6	0.40	0.37	0.37	0.15	0.15	0.15	124	9.0	2.5	0.2	0.0	--	0.0	--	111	0
A03520.00	09/06/67	0900	700.0	9.1	74.0	F	8.2	229	19	12	8.6	1.2	0.0	0.0	0.0	124	9.0	2.5	0.2	0.0	--	0.0	--	111	0	

MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.R.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER						MILLIGRAMS PER LITER				TDS	TH			
								LAB	FLD	CA	Mg	NA	K	CUS	HCO ₃	SO ₄	CL	N03	F	B	S102	SUM
COTTONWOOD CREEK BELOW NORTH FORK COTTONWOOD CREEK (11a)																						
A03540.00	11/02/66	5050	12.0	62	F	8.5	363	31	20	1.3	1.3	6.0	166	--	22	--	0.0	--	--	--	160	14
1025	5050	124				7.6	1.5b	1.64	.57	.03	.20	.20	2.72	.62								
A03540.00	01/03/67	5050	20.0	44	F	8.4	217	20	1.2	6.5	0.8	3.0	110	--	5.3	--	0.0	--	--	--	100	5
1500	5050	100				7.8	1.00	.99	.28	.02	.10	1.80	.15									
A03540.00	03/06/67	5050	318.0	51	F	8.4	212	21	1.2	5.8	0.8	2.0	114	--	3.1	--	0.0	--	--	--	102	5
1155	5050	108				7.9	1.05	.99	.25	.02	.07	1.87	.09									
A03540.00	05/04/67	5050	820.0	62	F	8.2	211	22	1.1	5.8	0.8	0.0	120	11	1.5	0.9	--	0.0	18	134	100	
1245	5050	109				7.8	1.10	.90	.25	.02	.19	.23	.04	.01							130	2
A03540.00	07/05/67	5050	126.0	3.2	/6.0F	8.4	213	--	--	5.9	--	4.0	110	--	4.1	--	0.0	--	--	--	--	--
0945	5050	99				8.2																
A03540.00	09/06/67	5050	21.8	8.1	/5.0F	8.1	296	27	1.6	9.8	1.4	0.0	156	9.5	12	0.5	--	0.1	--	160	134	
0915	5050	97				7.8	1.035	1.32	.43	.04	.256	.20	.34	.01							153	6

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER										MILLIGRAMS PER LITER										
								LA8	LA8	CA	MG	NA	K	CD3	HCO3	SO4	CL	ND3	F	8	SiO2	TUS	TH	NCH				
TIME	SAMPLER	Q	SAT			FLD	FLD	COTTONWOOD CREEK SOUTH FORK ABOVE COTTONWOOD CREEK (1lb)																				
A03595.00	11/22/66	5050	109.0	11.7	47 F	8.4	361	32	11	21	0.9	2.0						36	--		0.0	--						125
	1500	5050		100		7.8		1.60	.90	.91	.02	.07	1.80					1.02										32
A03595.00	01/03/67	5050	73.0	12.1	42 F	8.5	349	37	12	16	0.8	3.0	144	--				22	--		0.2	--						142
	1500	5050		97		7.7		1.85	.99	.70	.02	.10	2.36					.62										19
A03595.00	03/06/67	5050	116.0	12.2	50 F	8.4	362	39	14	15	0.8	4.0	160	--				14	--		0.0	--						155
	1035	5050		109		8.0		1.95	1.15	.65	.02	.13	2.62					.39										18
A03595.00	05/04/67	5050	158.0	10.0	65 F	8.3	332	37	14	13	0.8	3.0	168	27				.4	0.8	--	0.1	13	199					150
	1405	5050		106		8.1		1.85	1.15	.57	.02	.10	2.76	.56				.18	.01				197					7
A03595.00	07/05/67	5050	68.0	2.37	75.0 F	8.3	245	--	--	9.7	--	0.0	120	--				9.4	--		0.1	--						108
	0850	5050		100		8.1				.42			1.97					.27										10
A03595.00	09/06/67	5050	1.29	7.6	71.0 F	8.0	289	32	8.3	14	1.4	0.0	116	18				1.90	.37		0.4	--					114	
	0810	5050		86		7.8		1.60	.68	.61	.04						1	.66	1.3								152	

MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	TIME	SAMPLE	LAB	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER											
										LAB	LAB	FLD	FLD	CA	MG	NA	K	CO ₃	HCO ₃	SU ₄	CL	NU ₃	F	B	S102	TUS	TH
PAYNES CREEK NEAR RED BLUFF (88g)																											
A04620.00 11/10/66	5050 1005	8.0 77	51.5F 7.1	8.1 7.1	252	15	11	21	1.7	0.0	121	--	18	--	--	--	0.2	--	--	--	--	--	--	--	82	0	
A04620.00 01/03/67	5050 1200	11.0 98	50 F 7.3	8.3 7.3	211	13	9.5	16	1.4	2.0	104	--	12	--	--	0.3	--	--	--	--	--	--	--	--	72	0	

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	SAT	TIME	SAMPLER	Q	PH	EC	MINERAL CONSTITUENTS IN			MILLIEQUIVALENT PER LITER			MILLIGRAMS PER LITER									
												LAB	FLD	CA	MG	NA	K	CO ₃	HC03	SO ₄	CL	N03	F	B	SiO ₂	TDS	TH
FEATHER R AT WHITE OAK RANCH																											
A05050.01	10/26/66	5050								66	F	--	161	--	--	--	--	--	3.9	--	--	--	--	74	--		
	1235	5050								--	--	--	103	--	--	--	--	--	--	.11	--	--	--	--	74	--	
A05050.01	11/23/66	5050								--	--	96	--	--	--	--	--	--	3.4	--	--	--	--	76	--		
	0925	5050								--	--	100	--	--	--	--	--	--	.10	--	--	--	--	76	--		
A05050.01	12/20/66	5050								--	--	99	--	--	--	--	--	--	1.5	--	--	--	--	72	--		
	1400	5050								--	--	108	--	--	--	--	--	--	.04	--	--	--	--	72	--		
A05050.01	01/17/67	5050								--	--	106	--	--	--	--	--	--	1.4	--	--	--	--	70	--		
	1320	5050								--	--	96	--	--	--	--	--	--	.04	--	--	--	--	70	--		
A05050.01	02/16/67	5050								--	--	78	--	--	--	--	--	--	1.1	--	--	--	--	73	--		
	1430	5050								--	--	75	--	--	--	--	--	--	.03	--	--	--	--	73	--		
A05050.01	03/23/67	5050								--	--	41	F	--	78	--	--	--	0.0	--	--	--	--	72	--		
	0620	5050								--	--	54	F	--	75	--	--	--	--	--	--	--	--	72	--		
A05050.01	04/26/67	5050								--	--	93	--	--	--	--	--	--	2.7	--	--	--	--	33	--		
	1330	5050								--	--	92	--	--	--	--	--	--	.08	--	--	--	--	33	--		

MINERAL ANALYSES OF SURFACE WATER										MILLIGRAMS PER LITER										MILLIEQUIVALENT PER LITER										MILLIGRAMS PER LITER									
STATION NUMBER			DATE		TIME		LAB		G.H.		DO		TEMP		SAT		LAB		EC		MINERAL CONSTITUENTS IN		PERCENT REACTANCE VALUE		TDS		TH		NCH										
																						K	CO ₃	HCO ₃	504	CL	ND ₃	F	8	SIO ₂	TDS	TH	NCH						
A05103.00	10/18/66	5050	0730	5050			10.2	58 F	7.7	143	--	--	5.2	--	0.0	80	--	4.0	--	0.1	--	--	--	--	--	--	--	--	--	--	61	0							
A05103.00	11/18/66	5050	1000	5050			10.0	55.0F	7.6	108	--	--	4.3	--	0.0	52	--	5.2	--	0.0	--	--	--	--	--	--	--	--	--	48	6								
A05103.00	12/07/66	5050	1430	5050			38.90	11.1	49.0F	7.6	80	--	--	2.8	--	0.0	36	--	1.4	--	0.0	--	--	--	--	--	--	--	--	31	2								
A05103.00	01/27/67	5050	02/10/67	5050			36.07	11.5	48.0F	7.3	90	--	--	3.9	--	0.0	41	--	3.0	--	0.0	--	--	--	--	--	--	--	--	38	5								
A05103.00	03/07/67	5050	03/17/67	5050			34.78	11.4	50 F	7.1	92	--	--	3.0	--	0.0	44	--	2.0	--	0.0	--	--	--	--	--	--	--	--	38	2								
A05103.00	04/04/67	5050	04/25/67	5050			26.20	12.2	51 F	7.5	70	--	--	--	--	--	.72	.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--							
A05103.00	05/02/67	5050	05/11/67	5050			33.39	11.6	53 F	7.4	75	--	--	2.8	--	0.0	32	--	2.7	--	0.2	--	--	--	--	--	--	--	--	29	3								
A05103.00	05/11/67	5050	1130	5050			31.53	11.2	59 F	7.3	95	--	--	--	--	--	.52	.08	--	--	--	--	--	--	--	--	--	--	--	--	--	41	5						
A05103.00	05/11/67	5050	1230	5050			34.31	10.9	56 F	7.3	75	--	--	2.2	--	0.0	37	--	0.8	--	0.0	--	--	--	--	--	--	--	--	30	0								

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	TIME	LAB	G.H.	DO SAT	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER									
									LAB	FLD	CA	MG	NA	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	S	SiO ₂	TDS	TH
FEATHER R AT NICOLAUS (CONT.)																								
A05103•00	05/23/67	1115	5050			10.3	62 F	--	65	--	--	--	--	--	--	--	--	--	--	--	--			
A05103•00	06/07/67	1130	5050			10.7	58 F	--	68	--	--	--	--	--	--	--	--	--	--	--	--			
A05103•00	06/19/67	1315	5050			9.4	66 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
A05103•00	06/29/67	1030	5050			28.41	9.1	66.0F	7.9	60	--	2.3	--	0.0	31	--	1.1	--	0.1	--	23			
A05103•00	07/05/67	1315	5050	-		26.23	8.8	74.0F	--	7.3	70	.10	.51	--	.03	--	--	--	--	0	--			
A05103•00	07/31/67	1300	5050	-		22.55	8.7	83 F	--	7.7	120	--	--	--	--	--	--	--	--	--	--			
A05103•00	09/12/67	1200	5050			8.5	74 F	--	7.8	--	130	--	--	--	--	--	--	--	--	--	--			

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	EC	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER							
							LAH	LAB	CA	FLD	MG	NA	K	CO ₃	HCO ₃	CL	NO ₃	F	B	SiO ₂
TIME	SAMPLER	Q	SAT																	NCH
A05120.00	10/14/66	5050		10.9	6.0 F	7.3	145	--	5.8	--	0.0	79	--	2.4	--	0.0	--	--	--	67
	1245	5050		10.9	7.5	165		.25				1.30		.07						2
A05120.00	11/14/66	5050		34.66	10.1	54.0F	7.5	104	--	4.2	--	0.0	51	--	3.1	--	0.0	--	--	42
	0845	5050			94	7.1			.18			.84		.09						0
A05120.00	12/07/66	5050		47.78	11.9	50.0F	7.7	75	--	2.6	--	0.0	36	--	0.8	--	0.0	--	--	30
	1345	5050			105	7.1			.11			.59		.02						1
A05120.00	01/12/67	5050		30.02	12.9	44 F	7.1	101	--	3.6	--	0.0	49	--	1.8	--	0.0	--	--	42
	1500	5050			105	7.3			.16			.80		.05						2
A05120.00	02/10/67	5050		41.11	12.1	48 F	7.3	88	--	2.8	--	0.0	52	--	2.9	--	0.0	--	--	37
	1330	5050			104	7.3			.12			.85		.08						0
A05120.00	03/17/67	5050		52.51	12.7	49 F	7.9	70	--	2.5	--	0.0	37	--	1.5	--	0.1	--	--	29
	1315	5050			111	7.3			.11			.61		.04						0
A05120.00	04/25/67	5050		41.62	12.0	50 F	7.9	93	--	3.7	--	0.0	50	--	2.0	--	0.0	--	--	40
	1430	5050			106	7.3			.16			.82		.06						0
A05120.00	05/11/67	5050		41.20	53	F	7.0	69	--	2.0	--	0.0	36	--	0.0	--	0.0	--	--	27
	1145	5050								.09			.59							0
A05120.00	06/29/67	5050		9.3	66.0F	7.5	58	--	2.3	--	0.0	32	--	1.0	--	0.1	--	--	--	22
	0945	5050			99	7.1			.10			.52		.03						0

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	TIME	LAB	G.H.	OO	TEMP	SAT	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER						
										LAB	LAH	FLO	FLD	CA	MG	NA	K	HC03	CO3	SO4	CL	NOS
A05165.00	03/07/67	1030	5050	27.85	13.6	47 F	--	7.3	70	--	--	--	--	--	--	--	--	--	--	--	--	--
A05165.00	04/04/67	1000	5050	29.09	12.8	57 F	--	7.3	90	--	--	--	--	--	--	--	--	--	--	--	--	--
A05165.00	05/02/67	0945	5050	28.72	12.0	54 F	--	7.3	110	--	--	--	--	--	--	--	--	--	--	--	--	--
A05165.00	06/07/67	0940	5050	29.61	11.7	57 F	--	7.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A05165.00	06/19/67	1000	5050	29.61	10.3	63 F	--	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A05165.00	07/05/67	1145	5050	26.55	9.3	71 F	--	7.3	85	--	--	--	--	--	--	--	--	--	--	--	--	--
A05165.00	07/31/67	1130	5050	24.60	8.2	77 F	--	7.3	120	--	--	--	--	--	--	--	--	--	--	--	--	--
A05165.00	09/12/67	1015	5050	24.96	9.1	69 F	--	7.6	115	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE VI
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	TIME	LAB	G.H.	U.O.	TEMP	SAT	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER									
										LAB	FLD	CA	MG	NA	K	C03	HCO3	SU4	CL	N03	F	8	S102	TDS	TH
TA0519100 FEATHER R AT OROVILLE																									
A05191.00	10/14/66	1030	5050	5050	10.2	62 F	7.6	121	--	--	4.9	--	0.0	70	--	1.5	--	0.2	--	--	50	0			
					105		7.3	135			.21			1.15		.04									
A05191.00	12/07/66	1145	5050	5050	13.7	47.0 F	7.6	75	--	--	2.3	--	0.0	38	--	1.2	--	0.0	--	--	31	0			
					117		7.1				.10			.62		.03									
A05191.00	01/12/67	1045	5050	5050	2.76	4.5 F	7.3	102	--	--	3.8	--	0.0	48	--	1.0	--	0.0	--	--	41	2			
					118		7.5				.17			.79		.03									
A05191.00	02/22/67	0945	5050	5050	3.72	14.0	45 F	8.0	93	--	--	3.8	--	0.0	51	--	1.6	--	0.0	--	--	38	0		
					117		7.5	105			.17			.84		.05									
A05191.00	03/24/67	1330	5050	5050	7.21	13.7	46.0 F	7.8	74	--	--	2.8	--	0.0	40	--	1.5	--	0.1	--	--	30	0		
					116		7.3	85			.12			.66		.04									
A05191.00	04/25/67	1215	5050	5050	4.52	13.4	49.0 F	7.5	93	--	--	3.8	--	0.0	49	--	1.7	--	0.0	--	--	42	2		
					118		7.3	95			.17			.80		.05									
A05191.00	05/27/67	0845	5050	5050	7.93	12.0	56 F	6.8	58	--	--	1.4	--	0.0	31	--	1.2	--	0.1	--	--	26	1		
					115		7.3	50			.06			.51		.03									
A05191.00	06/19/67	1500	5050	5050	5.58	12.7	62.0 F	7.0	62	--	--	2.5	--	0.0	33	--	0.9	--	0.1	--	--	23	0		
					131		7.3	70			.11			.54		.03									
A05191.00	09/28/67	1130	5050	5050	11.5	68 F	7.7	108	--	--	4.4	--	0.0	60	--	1.6	--	0.0	--	--	43	0			
					127		7.3	115			.19			.98		.05									

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	SAT	PH	EC	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER										
									LAB	FLU	CA	MG	NA	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	A	SiO ₂	TDS	PH	JH
YUBA R AT MARYSVILLE																									
A06120.00	11/17/66	5050	60.34	10.4	59.0F	10.3	8.0	14.3	--	--	3.9	--	0.0	70	--	3.2	--	0.0	--	--	--	61			
1600		5050					7.3		.17					1.15		.09						4			
A06120.00	01/12/67	5050	60.74	13.3	47 F	7.6	8.9	--	--	2.1	--	0.0	40	--	0.2	--	0.0	--	--	--	38				
1430		5050					7.9	10.2			.09			.66		.01						5			
A06120.00	03/17/67	5050	69.99	12.9	49.0F	7.7	75	--	--	2.2	--	0.0	37	--	1.7	--	--	0.1	--	--	32				
1215		5050					7.3							.61		.05						2			
A06120.00	05/11/67	5050	11.2	54 F	7.6	76	--	--	2.0	--	0.0	36	--	0.6	--	0.0	--	0.0	--	--	30				
1100		5050					7.3	80			.09			.59		.02						1			
A06120.00	06/19/67	5050	60	F	--	7.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
1230		5050																							
A06120.00	07/13/67	5050	9.7	59 F	8.2	127	--	--	3.9	--	0.0	62	--	2.2	--	0.0	--	0.0	--	--	52				
1030		5050	96		7.3																1				
A06120.00	09/25/67	5050	8.9	70 F	7.9	125	--	--	3.6	--	0.0	62	--	1.7	--	0.0	--	0.0	--	--	53				
1200		5050	99		7.3	130															2				

TABLE IV
ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	TIME	LAB	G.H.	UO	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER									
									FLO	LAH	CA	Mg	NA	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	SIO ₂	TDS	TH
YUHARAT PARKS BAR BRIDGE																								
7A06300000							10.6	62.0F	7.9	141	--	3.8	--	0.0	75	--	2.6	--	0.0	--	--	67		
	11/03/66	1430	5050	5050			108		7.7			.17				1.23		.07					6	
A06300.00																								
01/12/67	1330	5050	5050																					
A06300.00																								
03/17/67	1115	5050	5050																					
A06300.00																								
05/11/67	1000	5050	5050																					

TABLE 0-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER											
								LAB	LAB	PERCENT EQUIVALENT PER LITER	PERCENT REACTANCE VALUE	CA	Mg	NA	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	SiO ₂	TDS	TH
7A06550.00 BEAR R V.H WHEATLAND																									
A06550.00	10/14/66	5050	.95	9.4	54 F	8.2	219	--	6.2	--	0.0	99	--	8.4	--	0.0	--	--	--	94					
	0730	5050		87		7.5	203		.27		1.62			.24							13				
A06550.00	11/17/66	5050	1.32	9.1	57 F	7.8	176	--	5.6	--	0.0	75	--	7.1	--	0.1	--	--	--	72					
	0815	5050		106		7.3			.24		1.23			.20							11				
A06550.00	12/07/66	5050	1.57	10.5	50 F	7.8	140	--	4.2	--	0.0	56	--	3.6	--	0.0	--	--	--	58					
	0845	5050		112		7.1			.18		.92			.10							12				
A06550.00	01/12/67	5050	2.52	12.0	48 F	7.0	108	--	3.4	--	0.0	38	--	3.7	--	0.0	--	--	--	45					
	0930	5050		103		7.3			.15		.62			.10							14				
A06550.00	02/10/67	5050	3.04	11.5	49 F	7.2	76	--	2.3	--	0.0	33	--	1.8	--	0.0	--	--	--	31					
	1200	5050		100		7.3			.10		.54			.05							4				
A06550.00	03/17/67	5050	8.51	12.5	51 F	7.7	74	--	2.6	--	0.0	31	--	2.6	--	0.1	--	--	--	27					
	0915	5050		135		7.3	90		.11		.51			.07							2				
A06550.00	04/25/67	5050	4.60	11.6	55 F	7.4	81	--	2.9	--	0.0	36	--	3.0	--	0.0	--	--	--	33					
	1330	5050		132		7.3	95		.13		.59			.08							4				
A06550.00	05/11/67	5050	3.89	10.5	57 F	7.3	83	--	2.7	--	0.0	33	--	2.2	--	0.0	--	--	--	31					
	0815	5050		122		7.3	90		.12		.54			.06							4				
A06550.00	06/19/67	5050			--	--	--		--		--			--						--					
	1000	5050																							
A06550.00	06/29/67	5050	.67	8.8	71 F	7.7	123	--	3.9	--	0.0	54	--	3.8	--	0.1	--	--	--	48					
	0815	5050		120		7.3			.17		.89			.11							4				
A06550.00	09/25/67	5050	.52	8.7	76 F	7.8	186	--	6.2	--	0.0	78	--	8.1	--	0.0	--	--	--	68					
	1100	5050		126		7.5	180		.27												4				

STATION NUMBER DATE	LAB TIME	G.H. Q	D.J. SAT	TEMP	PH FLD	EC LAB	MINERAL CONSTITUENTS IN FLD	MILLIEQUIVALENT PER LITER				MILLIGRAMS PER LITER				PERCENT REACTANCE VALUE	NCH			
								CA	MG	NA	K	C03	HCO3	S04	CL	N03	F	B	S102	TOS
AMERICAN R AI, SACRAMENTO																				
A07140.00 10/10/66	5050 1515			9.3 103	69 F 7.3	6.5 80	72 --	-- --	3.0 .13	-- --	0.0 0.0	34 .56	-- .11	4.0 --	-- --	0.0 0.0	-- --	-- --	24 0	
A07140.00 11/04/66	5050 1315			17.79 98	10.0 58.0F	7.6 7.0	74 82	-- .12	2.8 --	-- 0.0	33 .54	-- .09	3.1 --	0.0 0.0	-- --	-- --	-- --	-- --	30 3	
A07140.00 12/13/66	5050 1600			22.72 10.9	56.0F 99	7.5 7.1	72 --	-- .10	2.3 --	-- 0.0	31 .51	-- .05	1.6 --	-- 0.0	-- --	-- --	-- --	-- --	28 3	
A07140.00 01/13/67	5050 1115			17.84 102	11.7 101	49 F 7.3	72 95	-- .10	2.3 --	-- 0.0	26 .43	-- .08	2.8 --	-- 0.0	-- --	-- --	-- --	-- --	28 7	
A07140.00 02/09/67	5050 0900			24.00 101	11.9 101	47 F 7.1	69 85	-- .09	2.0 --	-- 0.0	32 .52	-- .06	2.0 --	-- 0.0	-- --	-- --	-- --	-- --	28 2	
A07140.00 03/29/67	5050 1530			20.96 107	11.9 51.0F	7.5 7.3	68 85	-- .11	2.6 --	-- 0.0	31 .51	-- .06	2.3 --	-- 0.0	-- --	-- --	-- --	-- --	28 3	
A07140.00 04/20/67	5050 0915			21.76 102	11.5 50.0F	7.2 7.3	69 75	-- .11	2.6 --	-- 0.0	31 .51	-- .07	2.4 --	-- 0.0	-- --	-- --	-- --	-- --	27 2	
A07140.00 05/01/67	5050 0845			22.33 103	11.5 51.0F	7.4 7.3	72 90	-- .11	2.6 --	-- 0.0	33 .54	-- .07	2.4 --	-- 0.0	-- --	-- --	-- --	-- --	30 3	
A07140.00 07/22/67	5050 1100			9.4 105	7.0 F 7.2	4.8 65	-- .09	-- --	2.1 --	-- 0.0	22 .36	-- .04	1.5 --	-- 0.0	-- --	-- --	-- --	-- --	18 0	
A07140.00 08/22/67	5050 1330			9.7 107	69 F 6.9	4.3 50	-- .08	-- --	1.8 --	-- 0.0	19 .31	-- .05	1.6 --	-- 0.0	-- --	-- --	-- --	-- --	17 2	

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	TIME	LAB	G.H.	U.O.	TEMP	SAT	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER						MILLIGRAMS PER LITER									
										LAB	FLD	CA	MG	NA	K	CD3	HCO ₃	SO ₄	CL	NO ₃	F	B	SIO ₂	TDS	TH
PIT RIVER NEAR MONTGOMERY CREEK (17)																									
A11020.00	10/03/66	1045	5050	2410.0	9.9	60	F	8.2	137	9.6	5.6	9.2	1.8	0.0	79	--	2.5	--	--	0.0	--	--	--	47	0
					103			7.7		4.8	.46	.40	.05		1.30			.07							
A11020.00	11/01/66	1715	5050	3310.0	11.8	52	F	8.1	138	9.8	5.9	9.3	1.8	0.0	81	--	2.7	--	--	0.0	--	--	--	49	0
					111			7.4		4.9	.48	.40	.05		1.33			.08							
A11020.00	12/07/66	1700	5050	8010.0	11.3	46	F	7.9	110	1.2	3.8	5.6	1.2	0.0	60	--	1.2	--	--	0.0	--	--	--	46	0
					99			7.4		60	.31	.24	.03		.98			.03							
A11020.00	01/05/67	1230	5050	4770.0	12.3	42	F	8.1	132	10	5.4	8.5	1.5	0.0	75	--	2.2	--	--	0.0	--	--	--	47	0
					102			7.2		50	.44	.37	.04		1.23			.06							
A11020.00	02/15/67	1830	5050	7910.0	11.5	44	F	8.0	129	11	4.9	8.0	1.8	0.0	70	--	2.2	--	--	0.1	--	--	--	48	0
					98			7.6		55	.40	.35	.05		1.15			.06							
A11020.00	03/08/67	0900	5050	4910.0	11.6	46	F	8.0	139	11	5.6	9.8	1.9	0.0	78	--	2.5	--	--	0.0	--	--	--	50	0
					102			7.4		55	.46	.43	.05		1.28			.07							
A11020.00	04/03/67	0915	5050	6890.0	11.8	46	F	8.0	120	11	4.6	7.3	1.4	0.0	66	--	1.6	--	--	0.0	--	--	--	46	0
					103			7.3		55	.38	.32	.04		1.08			.05							
A11020.00	05/01/67	0705	5050	7580.0	11.5	48	F	8.0	129	11	5.1	8.1	1.6	0.0	72	4.0	2.1	0.8	--	0.1	26	105	48	0	
					103			6.9		55	.42	.35	.04		1.18			.06							
A11020.00	06/12/67	1720	5050	6990.0	9.9	58	F	7.9	118	9.5	4.6	7.7	1.6	0.0	67	--	1.4	--	--	0.0	--	--	--	42	0
					100			7.6		47	.38	.33	.04		1.10			.04							
A11020.00	07/07/67	1250	5050	4830.0	9.7	65.00	F	8.0	124	--	--	7.7	--	0.0	74	--	2.8	--	--	0.1	--	--	--	42	0
					107			8.0		40	.31	.26	.03		1.21			.08							
A11020.00	08/03/67	1005	5050	4950.0	9.9	65.5F		8.1	137	--	--	10	--	0.0	75	--	3.0	--	--	0.1	--	--	--	48	0
					109			8.0		44															
A11020.00	09/08/67	0900	5050	2910.0	9.5	63.5F		7.9	143	10	5.9	9.8	2.9	0.0	80	4.1	3.0	1.1	--	0.1	--	--	49	0	
					103			7.7		50	.48	.43	.05		1.31			.08							

Above discharges are mean, daily values.

MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER				PH				EC				MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER							
DATE	TIME	SAMPLER	LAB	G.H.	DO	TEMP	LAB	FLO	CA	MG	NA	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	SiO ₂	TDS	TH	NCH
A11680.00 10/03/66	2.29 14.0	5050 1430	10.4 126	64 F	7.9 8.4	325	22	11	29	5.4	0.0	173	--	8.2	--	0.1	--	--	--	--	100	0	
A11680.00 11/01/66	2.22 11.0	5050 1100	11.0 114	51 F	8.1 8.3	289	20	9.8	25	4.6	0.0	165	--	6.0	--	0.1	--	--	--	90	0		
A11680.00 12/07/66	3.45 385.0	5050 1230	11.3 95	36 F	7.8 7.4	171	12	5.5	16	2.9	0.0	82	--	3.5	--	0.0	--	--	--	52	0		
A11680.00 01/05/67	2.58 71.0	5050 1445	11.8 95	33 F	8.1 7.5	286	19	8.4 .95	30	4.5	0.0	148	--	7.2	--	0.1	--	--	--	82	0		
A11680.00 02/15/67	3.21 274.0	5050 1310	12.0 98	34 F	8.1 7.4	228	16	6.8	23	3.0	0.0	104	--	7.0	--	0.1	--	--	--	68	0		
A11680.00 03/08/67	2.79 127.0	5050 1145	11.4 111	40 F	8.3 8.2	251	18	7.6	24	3.5	1.0	121	--	7.5	--	0.1	--	--	--	76	0		
A11680.00 04/03/67	2.88 154.0	5050 1205	11.5 118	50 F	7.9 8.2	224	17	7.1	20	2.8	0.0	111	--	6.4	--	0.0	--	--	--	72	0		
A11680.00 05/01/67	3.77 553.0	5050 1030	10.2 99	46 F	7.6 7.7	190	14	5.8 .70	17	2.8	0.0	94	--	3.5	1.7	0.0	24	152	64	0			
A11680.00 06/12/67	4.30 880.0	5050 0945	7.3 85	61 F	7.4 7.6	186	15	6.1 .75	15	2.8	0.0	102	--	2.4	--	0.1	--	--	--	62	0		
A11680.00 07/06/67	2.99 190.0	5050 1120	7.8 102	71.5F	7.9 8.1	205	--	--	16	--	0.0	110	--	3.6	--	0.2	--	--	--	62	0		
A11680.00 08/03/67	2.29 0730	5050	10.0	66.0F	7.8 8.1	217	--	--	17	--	0.0	119	--	4.2	--	0.0	--	--	--	75	0		
A11680.00 09/07/67	2.54 56.0	5050 0950	9.8 109	65.5F	8.2 8.1	244	19	8.8 .95	18	4.7	0.0	134	9.4	4.8	0.2	--	163	84	0				

TABLE 0-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAH	G.H.	DO	TEMP	SAT	PH	EC	MILLIEQUIVALENTS PER LITER						MILLIGRAMS PER LITER						
									LAB	LAB	MINERAL CONSTITUENTS IN PERCENT REACTANCE VALUE	CO ₂	CO ₃	NO ₃	CL	F	B	SI02	TUS	TH	NCH
TIME	SAMPLER	Q					FLD	FLD	NA	K	CO ₂	CO ₃	NO ₃	CL	F	B	SI02	TUS	TH	NCH	
									PIT RIVER, SOUTH FORK NEAR LICKLEY (18a)												
A14400.00	10/03/66	5050	1.085	3.4	60	F	7.8	170	1.3	5.9	1.0	4.4	0.0	94	--	2.1	--	0.0	--	--	57
	1610	5050	17.0	98			8.4		.65	.48	.44	.11	1.54			.06					0
A14400.00	11/01/66	5050	1.085	10.7	49	F	7.5	103	9.8	3.7	5.5	2.6	0.0	62	--	0.4	--	0.0	--	--	40
	1200	5050	18.0	110			7.6		.49	.30	.24	.07	1.02			.01					0
A14400.00	12/07/66	5050	1.073	11.8	37	F	8.1	120	11	4.5	6.8	2.7	0.0	71	--	0.9	--	0.0	--	--	46
	1350	5050	11.0	102			7.6		.55	.37	.30	.07	1.16			.03					0
A14400.00	01/05/67	5050	2.04	12.0	33	F	7.8	106	10	3.9	5.7	2.1	0.0	63	--	0.6	--	0.0	--	--	41
	1600	5050	31.0	98			7.4		.50	.32	.25	.05	1.03			.02					0
A14400.00	02/18/67	5050	1.90	12.1	32	F	8.0	122	11	4.2	7.8	2.3	0.0	71	--	1.0	--	0.0	--	--	45
	1445	5050	6.6	97			7.9		.55	.35	.34	.06	1.16			.03					0
A14400.00	03/08/67	5050	1.76	10.8	52	F	8.1	108	10	4.0	6.4	2.3	0.0	66	--	0.6	--	0.0	--	--	42
	1245	5050	14.0	115			8.2		.50	.33	.28	.06	1.08			.02					0
A14400.00	04/03/67	5050	1.91	10.4	51.5F		7.9	120	11	4.5	7.3	2.7	0.0	71	--	1.0	--	0.0	--	--	46
	1305	5050	21.0	110			8.3		.55	.37	.32	.07	1.16			.03					0
A14400.00	05/01/67	5050	1.76	10.2	57.5F		7.8	119	11	4.5	7.4	2.5	0.0	69	--	1.1	2.1	--	0.1	30	115
	1155	5050	13.0	116			8.4		.55	.37	.32	.06	1.13			.03					95
A14400.00	06/12/67	5050	4.15	9.2	57.5F		7.9	91	8.7	3.3	4.8	1.9	0.0	51	--	0.5	--	0.3	--	--	35
	1050	5050	452.0	105			8.0		.43	.27	.21	.05	.84			.01					0
A14400.00	07/06/67	5050	2.60	7.3	70.5F		7.9	104	--	--	5.4	--	0.0	59	--	1.4	--	0.1	--	--	42
	1230	5050	89.0	99			8.1				.23			.97		.04					0
A14400.00	08/02/67	5050	2.63	8.6	62.5F		8.0	106	--	--	8.3	--	0.0	74	--	2.5	--	0.0	--	--	50
	1455	5050	88.0	104							.36			1.21		.07					0
A14400.00	09/07/67	5050	1.89	8.2	66.5F		7.8	146	13	5.7	7.5	4.5	0.0	83	--	1.7	--	0.1	--	--	56
		23.0	104								.65	.47	.33	.12			.05				79

MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER							
								LAB	LAB	PERCENT REACTANCE VALUE	TUS	CL	NO.3	F	B	S102	SUM	NCH	
TIME	SAMPLER	Q	SAT			FLD	CA	MG	NA	K	CO ₃	HCO ₃	SO ₄	CL					
A21010.00	10/04/66	5050	7690.0	9.9	52 F	7.8	104	8.0	5.4	4.3	0.7	0.0	2.0	1.4	--	--	--	44	
	0920	5050		91		7.1		*40	*44	*19	*02		.95	.04			50	0	
A21010.00	11/02/66	5050	7690.0	9.7	52 F	8.0	106	8.8	5.1	4.9	0.9	0.0	59	4.0	1.3	--	--	43	
	0840	5050		90				*44	*42	*21	*02		.97	.08			54	0	
A21010.00	12/06/66	5050	2900.0	12.3	54 F	8.0	115	9.5	4.7	6.3	1.2	0.0	58	8.0	1.9	--	--	43	
	0935	5050		116		7.1		*47	*39	*27	*03		.95	*17	.05		60	0	
A21010.00	01/04/67	5050	6530.0	10.8	48 F	8.1	115	10	4.8	6.1	1.2	0.0	61	5.0	1.5	--	--	44	
	0940	5050		95		7.1		*50	*39	*27	*03		1.00	*10	.04		58	0	
A21010.00	02/17/67	5050	12300.0	14.42	11.6	46 F	8.0	117	9.9	4.6	6.6	1.2	0.0	61	7.0	1.8	--	--	44
	1130	5050		99		7.1		*49	*38	*29	*03		1.00	*15	.05		61	0	
A21010.00	03/06/67	5050	6400.0	10.20	12.6	49 F	8.0	113	10	4.5	5.9	1.2	0.0	58	6.0	1.4	--	--	44
	1400	5050		112		7.2		*50	*37	*26	*03		.95	*12	.04		57	0	
A21010.00	04/05/67	5050	5220.0	9.99	12.6	47 F	7.5	102	8.7	4.6	5.0	0.9	0.0	50	8.0	1.4	--	--	40
	0950	5050		104		7.3		*43	*43	*38	*22		.82	*17	.04		53	0	
A21010.00	05/31/67	5050	14200.0	11.8	47 F	7.3	118	11	4.4	6.3	1.2	0.0	60	6.0	1.4	0.9	0.0	21	98
	0945	5050		102		7.1		*55	*36	*27	*03		.98	*12	.04		82	0	
A21010.00	07/05/67	5050	15600.0	10.8	48 F	7.7	107	10	4.3	5.6	1.2	0.0	57	5.0	1.4	--	--	42	
	1125	5050		95		7.3		*50	*35	*24	*03		*93	*10	.04		55	0	
A21010.00	08/04/67	5050	12900.0	10.4	51.0F	7.4	109	--	--	4.9	--	0.0	52	4.0	2.0	--	--	44	
	1015	5050		94													0		
A21010.00	09/06/67	5050	12400.0	9.9	51.0F	7.7	102	8.5	4.6	4.7	0.7	0.0	53	6.9	1.6	0.5	0.1	40	
	1030	5050		90				*42	*38	*20	*02		*87	*14	.05		54	0	

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER						MILLIGRAMS PER LITER											
								SAT	Q	FLD	LAB	FLD	CA	Mg	Na	K	CO ₃	HCO ₃	SO ₄	CL	N0 ₃	F	B	SiO ₂	TDS
SACRAMENTO RIVER AT DELTA (11)																									
A21300.00	10/03/66	5050	3.67	10.4	57 F	8.1	156	8.5	7.7	11	1.2	0.0	81	--	--	7.3	--	--	0.2	--	--	--	52	0	
	0830	5050	178.0	104		8.2		.42	.63	.48	.03	1.33					.21								
A21300.00	10/31/66	5050	3.69	11.2	50 F	8.0	155	B.8	7.8	12	1.4	0.0	80	--	--	7.8	--	--	0.2	--	--	--	54	0	
	1020	5050	197.0	103		7.8		.44	.64	.52	.04	1.31					.22								
A21300.00	12/06/66	5050	8.33	11.3	45 F	7.7	70	4.4	4.8	2.1	0.3	0.0	38	--	--	1.0	--	--	0.0	--	--	--	30	0	
	1155	5050	4580.0	97		7.3		.22	.39	.09	.01	.62					.03								
A21300.00	01/04/67	5050	4.84	12.1	42 F	8.1	109	6.1	6.7	5.4	0.5	0.0	59	--	--	3.1	--	--	0.1	--	--	--	42	0	
	1220	5050	657.0	100		7.3		.30	.55	.23	.01	.97					.09								
A21300.00	02/14/67	5050	6.51	12.6	42 F	8.0	86	4.9	6.1	2.9	0.3	0.0	48	--	--	1.2	--	--	0.0	--	--	--	37	0	
	1215	5050	1870.0	104		7.3		.24	.50	.13	.01	.79					.03								
A21300.00	03/10/67	5050	6.78	11.9	44 F	7.9	83	5.0	5.6	3.2	0.3	0.0	44	--	--	1.3	--	--	0.0	--	--	--	36	0	
	1350	5050	2160.0	101		7.3		.25	.46	.14	.01	.72					.04								
A21300.00	04/05/67	5050	6.42	12.1	45 F	7.9	84	5.6	5.6	3.4	0.2	0.0	46	--	--	1.4	--	--	0.0	--	--	--	37	0	
	0730	5050	1790.0	104		7.4		.28	.46	.15	.01	.75					.04								
A21300.00	05/03/67	5050	6.31	12.0	47 F	7.6	87	5.4	5.6	3.4	0.4	0.0	48	--	--	2.0	1.2	0.6	--	0.1	1.7	62	36		
	0835	5050	1710.0	106		7.3		.27	.46	.15	.01	.79					.04	.03	.01				59	0	
A21300.00	06/13/67	5050	6.26	11.0	52 F	7.7	68	3.5	5.5	2.2	0.3	0.0	40	--	--	0.8	--	--	0.0	--	--	--	31	0	
	1045	5050	1650.0	104		7.6		.17	.45	.10	.01	.66					.02								
A21300.00	07/05/67	5050	4.68	9.3	64.0F	8.0	112	--	--	5.2	--	0.0	60	--	--	3.3	--	--	0.1	--	--	--	480	442	
	1020	5050	602.0	101		7.6																			
A21300.00	08/01/67	5050	336.0	108		8.0																			
	0945	5050																							
A21300.00	09/05/67	5050	3.83	9.3	64.0F	8.2	144	8.1	7.3	9.8	1.1	0.0	74	--	--	5.4	--	--	0.1	--	--	--	500	442	
			250.0	101																					

STATION NUMBER	DATE	LAH	G.H.	DO	TEMP	SAT	Q	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER								MILLIGRAMS PER LITER											
								PH	EC	LAB	LA8	FLD	CA	MG	NA	K	CO3	HCO3	SU4	CL	NO3	F	B	SIO2	TDS	TH	SUM
MCLOUD RIVER ABOVE SHASTA LAKE (18)																											
A22150.00	10/04/66	5050	273.0		10.8	51 F	8.1	109	1.1	3.5	5.1	1.0	0.0	6.3	--	0.8	--	0.0	--	--	--	--	--	--	42	0	
0810		5050				101			.55	.29	.22	.03	1.03														
A22150.00	10/31/66	5050	285.0		11.1	49 F	7.8	107	1.1	3.6	5.4	1.2	0.0	6.1	--	1.0	--	0.0	--	--	--	--	--	--	42	0	
0920		5050				101			.55	.30	.23	.03	1.00														
A22150.00	12/06/66	5050	4650.0		14.81	11.4	48 F	7.9	74	1.0	2.2	0.3	0.0	3.9	--	0.3	--	0.0	--	--	--	--	--	--	32	0	
1115		5050				102			.50	.14	.10	.01	.64														
A22150.00	01/04/67	5050	495.0		12.5	42 F	7.9	114	1.5	2.8	3.8	0.5	0.0	6.4	--	0.8	--	0.0	--	--	--	--	--	--	49	0	
1115		5050				103			.75	.23	.17	.01	1.05														
A22150.00	02/14/67	5050	1070.0		11.29	11.9	4 F	8.0	100	1.4	2.3	3.1	0.3	0.0	5.6	--	0.6	--	0.0	--	--	--	--	--	44	0	
1105		5050				105			.70	.19	.13	.01	.92														
A22150.00	03/10/67	5050	1470.0		11.81	11.9	44.5F	7.8	95	1.3	2.4	3.2	0.3	0.0	5.1	--	0.6	--	0.0	--	--	--	--	--	42	0	
1455		5050				102			.65	.20	.14	.01	.84														
A22150.00	04/05/67	5050	1230.0		11.51	11.9	46.5F	7.9	98	1.4	2.3	3.1	0.2	0.0	5.3	--	0.6	--	0.0	--	--	--	--	--	44	0	
0830		5050				104			.76	.70	.19	.13	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	1		
A22150.00	05/03/67	5050	1030.0		11.6	50 F	7.6	108	1.5	2.6	3.4	0.5	0.0	5.3	--	0.6	--	0.0	--	--	--	--	--	--	44	0	
1020		5050				107			.75	.21	.15	.01	.87														
A22150.00	06/13/67	5050	564.0		10.5	57 F	7.8	109	1.5	2.7	3.5	0.5	0.0	6.1	3.0	1.1	0.9	--	0.0	--	0.5	1.5	82	48	0		
1205		5050				105			.75	.22	.15	.01	1.02														
A22150.00	07/05/67	5050	480.0		9.3	61.0F	8.0	103	--	3.6	5.0	0.5	0.0	6.2	--	0.6	--	0.2	--	--	--	--	--	--	45	0	
0850		5050				98			7.5																		
A22150.00	08/01/67	5050	352.0		7.8	79.0F	8.0	114	--	5.0	5.0	--	0.0	6.0	--	1.9	--	0.0	--	--	--	--	--	--	45	0	
0830		5050				99			7.6																		
A22150.00	09/05/67	5050	321.0		3.8	58.0F	7.6	108	1.2	3.3	5.0	0.9	0.0	6.1	1.3	0.3	--	0.0	--	--	--	--	--	--	44	0	
0835		5050				89			7.5																51		
																									54	0	

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN STONY CREEK BELOW BLACK BUTTE DAM (13c)						MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER						
								LAB	FLD	CA	MG	NA	K	CUS	HC03	SO4	CL	N03	F	S	SI02	TDS	TH	NCH
A31110.00	10/04/66	5050	3.29	9.7	74 F	8.6	341	32	16	15	1.1	7.0	1.1	1.5	--	--	--	14	0.2	--	--	--	146	0
	1450	5050	144.0	114		8.1	1.60	1.32	.65	.03	.23	2.77	.23	.39	.02									
A31110.00	11/03/66	5050	3.99	9.8	60.0 F	8.6	364	35	17	16	1.2	10	1.77	--	--	14	2.3	--	0.2	--	--	--	158	0
	0840	5050	104.0	99		8.0	1.75	1.40	.70	.03	.33	2.90	.20	.39	.04									
A31110.00	12/05/66	5050	2.42	10.7	50 F	8.6	355	36	15	16	1.2	6.0	154	--	--	18	1.8	--	0.2	--	--	--	152	16
	1045	5050	40.0	95		8.1	1.80	1.23	.70	.03	.20	2.53	.20	.51	.03									
A31110.00	01/09/67	5050	2.32	12.9	40 F	8.5	308	31	12	14	1.2	3.0	128	--	--	18	1.2	--	0.2	--	--	--	127	17
	1100	5050	28.0	100		8.0	1.55	.99	.61	.03	.10	2.10	.10	.51	.02									
A31110.00	02/17/67	5050	4.28	11.6	51 F	8.2	232	24	9.3	9.8	1.1	0.0	112	--	--	1.6	1.6	--	0.1	--	--	--	98	6
	1545	5050	394.0	105		7.9	1.20	.76	.43	.03	1.84	.03	.27	.03										
A31110.00	04/10/67	5050	2.62	11.4	50 F	8.1	271	26	12	0.9	0.0	131	--	--	1.2	1.1	--	0.0	--	--	--	114	7	
	0950	5050	53.0	102		8.1	1.30	.99	.52	.02	2.15	.02	.34	.02										
A31110.00	05/16/67	5050	4.81	12.5	54 F	8.2	276	28	11	13	0.9	0.0	136	18	11	0.7	--	0.1	9.5	160	115	4		
	0925	5050	605.0	117		8.0	1.40	.90	.57	.02	2.23	1	.37	.31	.01									
A31110.00	06/06/67	5050	4.65	11.3	58 F	8.3	265	29	11	12	0.9	2.0	130	--	--	11	--	--	0.1	--	--	--	118	8
	0840	5050	535.0	111		7.9	1.45	.90	.52	.02	.07	2.13	.07	.31										
A31110.00	07/11/67	5050	4.86	10.3	65.0 F	8.1	281	--	--	11	--	0.0	134	--	--	11	0.3	--	0.2	--	--	--	122	12
	0840	5050	630.0	110		7.8																		
A31110.00	08/10/67	5050	4.87	8.5	74.0 F	8.3	292	--	--	12	--	0.0	146	--	--	12	0.5	--	0.1	--	--	--	125	6
	0850	5050	635.0	99		7.7																		
A31110.00	09/12/67	5050	4.28	8.6	76 F	8.4	318	31	15	14	1.1	4.0	148	9.2	13	0.3	--	0.2	--	171	138	10		
	0840	5050	589.0	103		8.0	1.55	1.23	.61	.03	.13	2.43	.13	.37	.19									
							1.45	.36	.18															

STATION NUMBER	DATE	TIME	SAMPLER	LAB	G.H.	DO	SAT	PH	EC	MINERAL CONSTITUENTS IN STONY CREEK NEAR FRUITO (13°F)					MILLIEQUIVALENS PER LITER					MILLIGRAMS PER LITER							
										FLO	TEMP	LAB	FLD	CA	Mg	Na	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	SIO ₂	TDS	TH
A31250.00	10/03/66	0845	5050	2520	9.2	6.4	F	8.5	369	30	21	15	1.0	8.0	188	--	1.4	1.2	--	0.2	--	--	--	--	--	162	0
										1.50	1.73	.65	.03	.27	3.08	--	.39	.02	--	--	--	--	--	--	--	--	
A31250.00	11/01/66	0900	5050	3.2	8.8	5.4	F	8.5	467	50	19	20	1.0	8.0	206	--	22	0.9	--	0.2	--	--	--	--	--	203	21
										2.50	1.56	.87	.03	.27	3.38	--	.62	.01	--	--	--	--	--	--	--	--	
A31250.00	12/01/66	0930	5050	1720	9.7	5.0	F	8.2	301	40	6.5	11	0.8	0.0	100	--	1.2	1.0	--	0.0	--	--	--	--	--	126	44
										2.00	.53	.48	.02	.02	1.64	--	.34	.02	--	--	--	--	--	--	--	--	
A31250.00	01/09/67	1200	5050	720	106	4.3	5F	8.4	378	45	10	19	0.8	4.0	135	--	24	0.1	--	0.1	--	--	--	--	--	154	37
										2.25	.82	.83	.02	.13	2.21	--	.68	.01	--	--	--	--	--	--	--	--	
A31250.00	02/17/67	1505	5050	3440	11.1	5.2	F	8.2	248	30	7.4	9.3	0.9	0.0	110	--	.5	0.6	--	0.0	--	--	--	--	--	106	16
										1.50	.61	.40	.02	.02	1.80	--	.18	.01	--	--	--	--	--	--	--	--	
A31250.00	03/14/67	0830	5050	2790	12.6	4.2	F	8.4	348	37	12	17	0.8	2.0	140	--	21	0.7	--	0.0	--	--	--	--	--	142	24
										1.85	.99	.74	.02	.07	2.30	--	.59	.01	--	--	--	--	--	--	--	--	
A31250.00	04/10/67	1100	5050	9540	11.3	4.9	F	8.1	269	28	9.6	13	0.6	0.0	123	--	12	0.6	--	0.0	--	--	--	--	--	110	9
										1.40	.79	.57	.02	.02	2.02	--	.34	.01	--	--	--	--	--	--	--	--	
A31250.00	05/16/67	0840	5050	1240	10.6	5.8	F	8.0	219	24	8.0	9.0	0.7	0.0	108	12	1.3	0.2	--	0.1	1.0	1.36	93	5			
										1.20	.66	.39	.02	.02	1.77	.25	.21	.17	--	0.0	1.24	1.24	1.24	1.24	1.24		
A31250.00	06/06/67	0745	5050	1140	10.0	5.6	F	8.1	226	26	7.4	9.0	0.7	0.0	110	--	.0	0.0	--	0.0	--	--	--	--	--	96	6
										1.30	.61	.39	.02	.02	1.80	--	.17	.01	--	--	--	--	--	--	--	--	
A31250.00	07/11/67	0800	5050	3980	10.1	58.0	UF	8.2	283	--	--	1.3	--	0.0	1.34	--	1.2	0.2	--	0.2	--	--	--	--	--	123	13
										1.01	.57	.57	--	--	2.20	--	.34	.01	--	--	--	--	--	--	--	--	
A31250.00	08/10/67	0800	5050	3600	9.2	7.0	F	8.4	308	--	--	14	--	1.0	159	--	12	0.5	--	0.2	--	--	--	--	--	134	2
										.61	.61	.61	.03	.03	2.61	--	.34	.01	--	--	--	--	--	--	--	--	
A31250.00	09/12/67	0745	5050	3650	9.2	69.0	UF	8.2	325	29	16	15	0.8	4.0	157	5.9	1.3	0.8	--	0.2	--	--	--	--	139	4	
										1.45	1.32	.65	.02	.13	2.57	.12	.37	.01	--	0.2	--	--	--	--	175	162	

TABLE 0-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAH	G.H.	DO	TEMP	SAT	TIME	SAMPLER Q	MILLIGRAMS PER LITER										MILLIEQUIVALENTS PER LITER										PERCENT REACTANCE VALUE									
									PH	EC	MINERAL CONSTITUENTS IN THOMES CREEK AT PASKENTA (13d)				NA	K	CO ₃	HCO ₃	SO ₄	CL	N0 ₃	F	B	SiO ₂	T0S	TM	SUM	NCH										
A32120.00	10/04/66	5050	8.2	127	74	F	8.5	459	52	17	1.3	1.2	3.0	119	--	--	24	1.1	--	0.0	--	--	--	--	--	--	--	200	98									
	1400	5050							8.4	2.59	1.40	.57	.03	.10	1.95	--	--	.68	.02																			
A32120.00	11/02/66	5050	4.9	120	10.7	67.5F	8.5	482	52	19	15	1.1	4.0	123	--	--	27	1.1	--	0.1	--	--	--	--	--	--	--	208	101									
	1500	5050							8.3	2.59	1.56	.65	.03	.13	2.02			.76	.02																			
A32120.00	12/05/66	5050	0945	3150.0	7.35	11.2	45	F	8.0	166	26	3.5	2.7	1.1	0.0	76	--	0.8	0.6	--	0.0	--	--	--	--	--	--	80	18									
									7.9	1.30	.29	.12	.03	1.25			.02	.01																				
A32120.00	01/09/67	5050	1000.0	100.0	3.95	12.9	39	F	8.4	240	31	7.8	5.4	0.7	2.0	111	--	3.4	0.1	--	0.1	--	--	--	--	--	--	--	110	16								
									7.6	1.55	.64	.23	.02	.07	1.82			.10																				
A32120.00	02/17/67	5050	1415	5050	5.16	11.5	48	F	8.2	181	23	6.3	3.8	0.8	0.0	88	--	1.3	0.6	--	0.0	--	--	--	--	--	--	--	84	12								
									8.0	1.15	.52	.17	.02	1.44			.04	.01																				
A32120.00	03/14/67	5050	0745	215.0	4.56	13.0	39	F	8.2	242	31	9.7	5.0	0.7	0.0	120	--	2.6	0.8	--	0.0	--	--	--	--	--	--	--	118	20								
									7.9	1.55	.80	.22	.02	1.97			.07	.01																				
A32120.00	04/06/67	5050	1055	385.0	4.97	12.0	45.5F	8.2	209	26	8.3	4.4	0.6	0.0	105	--	1.6	0.3	--	0.0	--	--	--	--	--	--	--	99	13									
									7.8	1.30	.68	.19	.02	1.72			.05																					
A32120.00	05/05/67	5050	1100	5660.0	5.45	11.8	49	F	3.0	188	24	6.7	4.2	1.2	0.0	96	15	1.2	0.8	--	0.0	10	113	88	10	110	10											
									7.7	1.20	.55	.18	.03	1.57			.31	.03	.01																			
A32120.00	05/31/67	5050	1305	430.0	10.1	10.1	57	F	8.1	153	21	5.0	3.2	0.6	0.0	77	--	1.0	0.4	--	0.0	--	--	--	--	--	--	--	73	10								
									7.8	1.05	.41	.14	.02	1.26			.16	.2	1																			
A32120.00	07/06/67	5050	0900	60.0	3.78	8.3	73	F	8.2	263	--	--	5.5	--	0.0	126	--	3.6	0.1	--	0.0	--	--	--	--	--	--	1290	1187									
									98	8.1		.24			2.07		.10																					
A32120.00	08/04/67	5050	1400	20.0	3.66	9.1	89.5F	8.6	323	--	--	8.8	--	2.0	123	45	8.1	--	0.1	--	0.1	--	--	--	--	--	--	148	44									
									127	8.4		.38		.07	2.02		.94																					
A32120.00	09/07/67	5050	0845	.8	20.34	9.1	73.0F	8.3	425	49	16	--	1.2	0.0	154	64	13	0.5	--	0.1	--	0.1	--	--	--	--	262	62										
									108	8.3	2.45	1.32	.48	.03	2.53		.37	.31	11																			

STATION NUMBER	DATE	TIME	LAB	G.H.	DO	TEMP	PH	E.C.	MINERAL CONSTITUENTS IN						MILLIEQUIVALENTS PER LITER						MILLIGRAMS PER LITER							
									SAT	LAB	LAB	FLD	FLD	CA	MG	NA	K	CU3	HC03	SO4	CL	NO3	F	8	S102	TOS	TH	TOC
A33110.00	2.62	11.5	51	F	8.4	254			23	16	6.6	0.6	2.0	142	12	4.5	0.3	--	0.0	17	150	124						
05/05/67	5050	231.0	105		8.1		1.15	1.32	.29	.02	.07	2.33	.25	.13								152	4					
1015	5050								41	47	10	1	3	84	5													
A33110.00	1.21	8.5	68.0F		8.5	636			34	32	4.4	0.8	6.0	203	12	84	0.5	--	0.1	--		328	217					
09/07/67	5050	6.6	95		8.2		1.70	2.63	1.91	.02	.20	3.33	.25	2.37	.01							313	41					
0800	5050								27	42	31	3	54	4	38													
									ELDER CREEK NEAR PASKENTA (13e)																			

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	SAT	Q	PH		EC		MINERAL CONSTITUENTS IN		MILLIEQUIVALENTS PER LITER		MILLIGRAMS PER LITER		TH							
								LAB	FLD	LAB	FLD	NA	K	MG	CA	CU3	HCO3	SU4	CL	N03	F	B	S102	TOS	SUM
CLEAR GREEK NEAR IGO (12d)																									
A36130.00	11/02/66	2.67	12.4	4.1	F	7.9	97	5.7	7.2	3.0	0.4	0.0	54	--	1.9	--	--	0.0	--	--	--	--	44	0	
0935	5050	84.0	107			7.4		.28	.59	.13	.01		.89						.05						
A36130.00	01/03/67	2.60	12.4	4.0	F	8.1	93	6.7	5.1	3.7	0.5	0.0	45	--	2.8	--	--	0.0	--	--	--	--	38	1	
1630	5050	75.0	97			7.4		.33	.42	.16	.01		.74					.08							
A36130.00	03/06/67	2.63	13.0	4.8	F	7.8	85	6.4	4.6	3.4	0.4	0.0	42	--	2.1	--	--	0.0	--	--	--	--	35	1	
1245	5050	81.0	114			7.6		.32	.38	.15	.01		.69					.06							
A36130.00	05/04/67	2.87	11.2	5.4	F	7.7	78	6.3	3.4	4.1	0.5	0.0	38	4.0	1.2	0.8	--	0.0	--	17	61	30			
1325	5050	142.0	106			7.4		.31	.28	.18	.01		.62					.03					56	0	
A36130.00	07/05/67	2.57	10.1	61.0	F	7.5	92	--	--	3.7	--	0.0	46	--	2.5	--	--	0.1	--	--	--	--	40	3	
1020	5050	72.0	104			7.7				.16			.75					.07							
A36130.00	09/06/67	2.51	10.3	57.0	F	7.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
0945	5050	65.0	101																						
A36130.00	09/06/67																								

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN BUTTE CREEK NEAR CHICO (84)						MILLIEQUIVALENTS PER LITER						MILLIGRAMS PER LITER					
								LAB	LAB	MG	NA	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	SiO ₂	TDS	TH	SUM	NCH	
A41110.00 10/05/66	5050 0830	1.11 37.0	10.2 98	56 F	8.1 8.2	113	12	4.8 .39	3.4 .15	0.9 .02	0.0 1.13	69	--	0.6 .02	--	--	--	0.0	--	--	--	50	0		
A41110.00 11/03/66	5050 1045	1.31 5050	11.2 80.0	50 F	7.8 7.6	123	13	5.5 .45	4.7 .20	1.0 .03	0.0 1.21	74	--	0.8 .02	--	--	--	0.0	--	--	--	55	0		
A41110.00 12/05/66	5050 1340	4.52 2390.0	11.2 100	50 F	7.9 7.1	63	5.6 .28	2.8 .23	2.0 .09	0.5 .01	0.0 .39	24	--	0.4 .01	--	--	--	0.0	--	--	--	26	7		
A41110.00 01/09/67	5050 1415	1.67 180.0	11.7 93	41.5F	8.0 7.2	94	9.5 .47	4.1 .34	3.3 .14	0.7 .02	0.0 .89	54	--	0.7 .02	--	--	--	0.0	--	--	--	40	0		
A41110.00 02/20/67	5050 0830	2.46 458.0	12.9 102	41 F	7.9 7.1	74	7.5 .37	3.5 .29	2.8 .12	0.6 .02	0.0 .75	46	--	0.6 .02	--	--	--	0.0	--	--	--	33	0		
A41110.00 03/14/67	5050 1105	2.73 628.0	12.4 101	43 F	7.9 7.4	82	8.2 .41	4.0 .33	2.8 .12	0.4 .01	0.0 .01	47	--	0.7 .02	--	--	--	0.0	--	--	--	37	0		
A41110.00 04/05/67	5050 1440	3.11 923.0	12.0 104	47.5F	7.8 7.4	76	7.5 .37	3.6 .30	2.6 .11	0.4 .01	0.0 .69	42	--	0.6 .02	--	--	--	0.0	--	--	--	34	0		
A41110.00 05/16/67	5050 1240	3.34 1200.0	11.3 105	53 F	7.5 7.3	55	5.3 .26	2.4 .20	2.0 .09	0.5 .01	0.0 .49	30	1.0 .02	0.7 .02	--	--	0.0	1.5	4.8	23	42	0			
A41110.00 06/06/67	5050 1205	666.0 5050	11.1 100	51 F	7.7 7.5	60	6.0 .30	2.5 .21	2.2 .10	0.5 .01	0.0 .56	34	--	0.4 .01	--	--	0.1	--	--	--	26	0			
A41110.00 07/11/67	5050 1155	2.08 266.0	9.4 101	66.0F	7.9 7.7	84	--	--	3.0 .13	--	0.0 .16	50	--	1.0 .03	--	--	--	0.0	--	--	--	36	0		
A41110.00 08/10/67	5050 1205	1.85 175.0	9.8 107	67 F	7.8 8.1	96	--	--	3.6 .16	--	0.0 .00	58	--	1.2 .03	--	--	--	0.0	--	--	--	42	0		
A41110.00 09/12/67	5050 1155	10.4 176.0	62.0F 107	7.9 8.0	111	11	4.3 .55	3.4 .15	0.9 .02	0.0 .01	58	0.6 .95	1.6 .05	0.0 .1	--	--	0.0	--	--	73	45	0			

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	TIME	SAMPLER	Q	SAT	G.H.	OQ	TEMP	PH	EC	MINERAL CONSTITUENTS IN BIG CHICO CREEK NEAR CHICO (85)										MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER				TDS	TH	SUM	NCH
										LAB	LAH	FLD	CA	MG	NA	K	CO ₃	HCO ₃	SU ₄	CL	N0 ₃	F	B	SIO ₂	TDS	TH					
A42110.00	10/05/66	5050	2.07	9.8	64	F	8.4	220	16	8.7	16	1.0	3.0	105	--	--	--	--	--	--	--	--	--	--	--	--	--	76	0		
	0755	5050	21.0	103			8.1		.80	.72	.70	.03	.10	1.72																	
A42110.00	11/03/66	5050	2.27	11.3	54	F	8.2	220	17	8.9	16	1.1	0.0	113	--	--	--	--	--	--	--	--	--	--	--	--	--	79	0		
	1010	5050	22.0	106			8.0		.85	.73	.70	.03	1.85																		
A42110.00	12/05/66	5050	7.03	11.6	50	F	7.7	60	5.0	2.5	2.4	0.5	0.0	18	--	--	--	--	--	--	--	--	--	--	--	--	23	8			
	1415	5050	1870.0	103			7.3		.25	.21	.10	.01	.30																		
A42110.00	01/09/67	5050	47.0	12.9	40	F	8.2	175	14	7.4	11	0.8	0.0	88	--	--	--	--	--	--	--	--	--	--	--	--	--	66	0		
	1345	5050	100				7.5		.70	.61	.48	.02	1.44																		
A42110.00	02/20/67	5050	2.83	13.2	43	F	8.0	123	11	5.7	6.7	0.7	0.0	66	--	--	--	--	--	--	--	--	--	--	--	--	--	51	0		
	0900	5050	112.0	107			7.5		.55	.47	.29	.02	1.08																		
A42110.00	03/14/67	5050	3.56	12.7	45	F	7.9	94	8.6	4.3	4.8	0.5	0.0	52	--	--	--	--	--	--	--	--	--	--	--	--	--	39	0		
	1030	5050	265.0	106			7.5		.43	.35	.21	.01	.85																		
A42110.00	04/10/67	5050	4.02	12.3	48	F	7.9	84	7.5	3.7	3.7	0.4	0.0	45	--	--	--	--	--	--	--	--	--	--	--	--	--	34	0		
	1400	5050	452.0	107			7.3		.37	.30	.16	.01	.74																		
A42110.00	05/16/67	5050	3.44	10.9	58	F	7.8	92	8.4	4.2	4.2	0.6	0.0	50	--	--	--	--	--	--	--	--	--	--	--	--	--	38	0		
	1155	5050	270.0	107			7.5		.42	.35	.18	.02	.82																		
A42110.00	06/06/67	5050	2.67	11.0	56	F	8.1	130	11	5.8	6.7	0.7	0.0	72	--	--	--	--	--	--	--	--	--	--	--	--	--	52	0		
	1110	5050	95.0	106			7.8		.55	.48	.29	.02	1.18																		
A42110.00	07/11/67	5050	3.24	8.8	71.0F		8.3	179	--	--	--	--	--	95	--	--	--	--	--	--	--	--	--	--	--	--	--	69	0		
	1100	5050	37.0	100			8.1																								
A42110.00	08/10/67	5050	2.13	8.9	72	F	8.3	195	--	--	--	--	--	13	--	--	--	--	--	--	--	--	--	--	--	--	70	0			
	1100	5050	27.0	102			8.2																								
A42110.00	09/12/67	5050	2.09	9.8	65	F	7.9	236	15	8.6	14	1.1	0.0	103	--	--	--	--	--	--	--	--	--	--	--	--	74	0			
	1050	5050	23.0	104			8.0																								

MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER DATE	SAMPLE#	TIME	LAB	G.H.	O.D.	SAT	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER						MILLIGRAMS PER LITER									
									TEMP	FLU	LAB	CA	MG	NA	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	SiO ₂	TOS
A44110.00 11/10/66	5050 0730			1.65 91.0	11.2 97	48 F 7.4	7.9 7.4	259	15	6.3 .75	24 1.04	0.08 .08	0.0 1.00	61 1.00	--	--	31 .87	--	0.7 0.1	--	--	--	--	64 14
A44110.00 12/05/66	5050 1515			4.63 1240.0	11.6 101	48 F 7.1	7.7 7.1	84	6.3 .31	2.8 .23	5.0 .22	1.0 .03	0.0 .57	35 .57	--	--	2.7 .08	--	0.1 0.1	--	--	--	--	27 0
A44110.00 01/03/67	5050 1330			141.0 5050	13.0 104	42 F 7.3	7.9 7.3	186	12 .60	5.0 .41	2.1 .70	0.0 .05	54 .89	--	--	17 .48	--	0.3 0.3	--	--	--	--	50 6	
A44110.00 02/17/67	5050 0845			2.31 279.0	12.7 103	43 F 7.3	7.8 7.3	138	9.8 .49	4.1 .34	1.5 .48	0.0 .04	45 .74	--	--	11 .31	--	0.3 .31	--	--	--	--	42 5	
A44110.00 03/07/67	5050 1105			2.05 201.0	11.9 110	53 F 7.7	8.0 7.7	160	11 .55	4.6 .38	2.0 .57	0.0 .05	51 .84	--	--	14 .39	--	0.3 .39	--	--	--	--	46 4	
A44110.00 04/06/67	5050 0935			4.98 1480.0	12.5 106	46.5F 7.4	7.7 7.4	89	7.2 .36	3.5 .29	1.0 .23	0.0 .03	41 .67	--	--	2.8 .08	--	0.0 .08	--	--	--	--	32 0	
A44110.00 05/05/67	5050 1245			11.3 102	51 F 7.5	7.9 7.5	128	9.2 .46	4.0 .33	9.3 .40	1.5 .04	0.0 .04	50 .21	10 .24	6.6 .01	0.6 .1	--	0.2 .24	--	--	--	--	40 0	
A44110.00 05/31/67	5050 1430			11.3 103	52 F 7.4	7.4 7.4	84	6.3 .31	2.2 .18	5.6 .24	1.3 .03	0.0 .03	25 .41	--	3.5 .10	--	--	0.2 .10	--	--	--	--	24 4	
A44110.00 07/06/67	5050 1130			.00 393.0	9.0 100	69 F 7.3	7.5 7.3	109	--	--	7.3 .32	0.0 .03	27 .25	--	5.8 .25	--	--	0.1 .16	--	--	--	--	29 7	
A44110.00 08/04/67	5050 0710			.00 167.0	6.7 97	69.5F 7.3	7.8 7.3	152	--	--	12 .52	0.0 .52	45 .74	--	5.8 .74	--	--	0.1 .16	--	--	--	--	43 6	
A44110.00 09/07/67	5050 1145			10.1 125.0	79.0F 124	7.8 8.4	184	12 .60	5.7 .47	1.4 .61	2.6 .07	0.0 .34	58 .50	16 .33	15 .42	0.8 .25	--	0.1 .01	--	--	--	119 95	54 7	

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER						MILLIGRAMS PER LITER							
							PH	EC	LAB	LAB	NA	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	SiO ₂
TIME	SAMPLER	Q	SAT				FLD	FLD	CA	Mg	NA								TDS	TH
																		SUM	NCR	
A45110.50	11/10/66	5050	1.92	11.6	49 F	8.2	171	1.2	7.7	1.2	1.4	0.0	89	--	9.2	--	0.0	--	--	62
	0915	5050	37.0	102		7.7		.60	.63	.52	.04	1.46			.26					0
A45110.50	01/03/67	5050	12.9	40 F	8.2	144	1.0	6.5	9.3	1.1	*0.0	77	--	6.6	--	0.1	--	--	52	
	1300	5050	100		7.5		.50	.53	.40	.03		1.26			.19					0
A45110.50	03/07/67	5050	2.25	11.7	56 F	8.1	122	9.2	5.7	7.8	1.0	0.0	66	--	4.7	--	0.0	--	--	46
	1030	5050	74.0	112		7.9		.46	.47	.34	.03	1.08			.13					0
A45110.50	05/05/67	5050	10.7	59 F	8.0	84	7.0	4.3	4.6	0.9	0.0	50	0.0	2.0	0.6	--	0.2	2.9	77	
	1315	5050	218.0	106		7.6		.35	.38	.22	.02	.82			.06	.01				73
A45110.50	07/05/67	5050	8.7	82 F	8.2	103	--	--	6.4	--	0.0	53	--	4.5	--	0.0	--	--	39	
	1445	5050	75.0	111		8.4			.28		.87			.13						0
A45110.50	09/07/67	5050	9.6	84.0 F	8.0	144	1.0	6.5	1.0	1.4	0.0	76	2.3	7.3	0.8	--	0.1	--	87	
	1300	5050	41.0	124		8.4		.50	.53	.44	.04	1.25			.21	.01				52
								.33	.35	.29	.3	.82			.14				76	
																			0	

MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	SAT	Q	PH						EC						MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER						MILLIGRAMS PER LITER					
								LAB	FLD	CA	Mg	Na	K	CO ₃	HCO ₃	SO ₄	CL	N0 ₃	F	B	T102	TOS	TH	NCH							
BATTLE CREEK NEAR COTTONWOOD (886)																															
A47110.00	4.01	11.7	52.5F	8.2	152	11	7.8	9.1	2.4	0.0	90	--	1.9	--	--	0.0	--	--	--	--	--	--	--	--	--	--	--	60			
11/02/66	5050	250.0	108	7.7	.55	.64	.40	.06	1.48	.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0				
1150	5050																														
A47110.00	4.13	12.1	48 F	8.2	140	9.8	7.0	8.2	2.0	0.0	82	--	2.0	--	--	0.0	--	--	--	--	--	--	--	--	--	--	54				
01/10/67	5050	304.0	105	7.6	.49	.58	.36	.05	1.34	.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0				
1335	5050																														
A47110.00	4.32	12.3	49 F	8.0	128	9.2	6.6	7.4	1.9	0.0	76	--	1.4	--	--	0.0	--	--	--	--	--	--	--	--	--	--	50				
03/06/67	5050	390.0	108	7.5	.47	.54	.32	.05	1.25	.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0				
0950	5050																														
A47110.00	4.82	11.3	54 F	7.8	110	8.0	5.4	5.8	1.7	0.0	64	3.0	1.2	1.0	--	0.0	--	0.0	--	0.0	--	0.0	--	0.0	--	42					
05/04/67	5050	686.0	106	8.0	.40	.44	.25	.04	1.05	.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0					
1200	5050																														
A47110.00	5.5	65 F	7.9	106	--	--	5.6	--	0.0	56	--	1.5	--	--	--	0.0	--	--	--	--	--	--	--	--	--	40					
07/05/67	5050	579.0	101	7.7	.24	.24	.24	.24	.92	.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0					
1315	5050																														
A47110.00	3.95	9.5	64.0F	8.2	144	9.8	7.1	8.5	2.2	0.0	84	3.6	1.8	0.7	--	0.1	--	--	--	123	54	--	--	--	--	--	0				
09/06/67	5050	254.0	100	7.8	.49	.58	.37	.06	1.38	.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	75					
1300	5050																														

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER						MILLIGRAMS PER LITER									
							PH FLD	LAB FLD	CA FLD	Mg FLD	Na FLD	K FLD	CO ₃ HCO ₃	SO ₄	CL	NO ₃	F	B	SiO ₂	TDS	TH	NH ₄
COW CREEK NEAR MILLVILLE (88a)																						
A48110.00	2/22	11.0	52 F	8.2	177	1.6	6.4	9.8	1.5	0.0	8.3	--	0.2	--	--	0.0	--	--	--	--	--	
11/10/66	5050	99.0	101	7.4		.80	.53	.43	.04		1.36		.23								66	0
1400	5050																					
A48110.00	2/45	13.2	45 F	8.2	146	1.3	5.1	8.0	0.9	0.0	6.9	--	0.7	--	--	0.0	--	--	--	--	54	0
01/10/67	5050	167.0	110	7.2		.65	.42	.35	.02		1.13		.19									
1420	5050																					
A48110.00	2/76	12.7	54 F	7.5	126	1.2	4.6	6.6	0.8	0.0	6.2	--	4.0	--	--	0.0	--	--	--	--	49	0
03/06/67	5050	287.0	119	7.5		.60	.38	.29	.02		1.02		.11									
* 1445	5050																					
A48110.00	3.80	10.7	57 F	7.5	121	1.2	4.2	5.6	1.0	0.0	6.0	6.0	2.6	0.5	--	0.1	25	90	48	0		
05/04/67	5050	950.0	104	7.3		.60	.35	.24	.03		.98		.17	.07	.01							
1120	5050					.49	.29	.20	.02		.80		.14	.06	.01							
A48110.00	2.30	8.4	84 F	7.7	120	--	--	5.7	--	0.0	6.4	--	3.0	--	--	0.0	--	--	--	--	--	
07/05/67	5050	160.0	109	7.7					.25		1.05		.08									
1240	5050																					
A48110.00	1.62	9.4	82.0F	7.9	171	1.6	6.7	8.8	1.8	0.0	9.3	4.6	4.9	1.0	--	0.2	--	96	68	0		
09/06/67	5050	33.0	119	8.2		.80	.55	.38	.05		1.53		.10	.04	.02							
1215	5050					.45	.31	.21	.03		.85		.06	.01	.01							

MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	LAH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER									
								FLD	LAH	CA	MG	NA	K	C03	HCO3	NO3	CL	SO4	F	B	SiO2	TDS	TH
ASR81070356																							
AS R 810•7 035•6	10/10/66	001				15.5C	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
1215		5050					7.1	102															
AS R 810•7 035•6	10/10/66	005				14.0C	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
1215		5050						102															
AS R 810•7 035•6	10/10/66	010				14.0C	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
1215		5050						102															
AS R 810•7 035•6	10/10/66	015				13.5C	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
1215		5050						102															
AS R 810•7 035•6	10/10/66	020				13.5C	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
1215		5050						102															
AS R 810•7 035•6	10/10/66	025				13.5C	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
1215		5050						102															
AS R 810•7 035•6	10/10/66	030				13.0C	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
1215		5050						102															
AS R 810•7 035•6	10/10/66	035				9.0C	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
1215		5050						125															
AS R 810•7 035•6	10/10/66	040				8.0C	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
1215		5050						128															

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAH	G.H.	DO	TEMP	LAH	LAH	EC	MINERAL CONSTITUENTS IN				MILLIEQUIVALENT PER LITER				MILLIGRAMS PER LITER									
									FLD	FLD	CA	Mg	NA	K	CU3	HCO ₃	SO ₄	CL	NOS	F	B	SIO ₂	TDS	TOC	TH	SUM
ANTEROPT. RESERVOIR (STA. 1)																										
A5 R 811.0 036.1	10/10/65	001		7.3	14.0C	--	--	--												--	--	--	--	--	--	
	1100	5050							7.0	102										--	--	--	--	--	--	
A5 R 811.0 036.1	10/10/65	005			14.0C	--	--	--												--	--	--	--	--	--	
		5050								102										--	--	--	--	--	--	
A5 R 811.0 036.1	10/10/66	010		7.3	14.0C	--	--	--											--	--	--	--	--	--		
		5050							7.0	102									--	--	--	--	--	--		
A5 R 811.0 036.1	10/10/66	015			14.0C	--	--	--											--	--	--	--	--	--		
		5050								102									--	--	--	--	--	--		
A5 R 811.0 036.1	10/10/66	020		7.2	14.0C	--	--	--											--	--	--	--	--	--		
		5050								7.1	102								--	--	--	--	--	--		
A5 R 811.0 036.1	10/10/66	025				13.5C	--	--											--	--	--	--	--	--		
		5050									102								--	--	--	--	--	--		
A5 R 811.0 036.1	10/10/66	030				5.5	13.0C	--											--	--	--	--	--	--		
		5050								7.0	102								--	--	--	--	--	--		
A5 R 811.0 036.1	10/10/66	035																	--	--	--	--	--	--		
		5050																	--	--	--	--	--	--		
A5 R 811.0 036.1	10/10/66	040		0.3	8.0C	--	--	--											--	--	--	--	--	--		
		5050								6.6	120								--	--	--	--	--	--		
A5 R 811.0 036.1	10/10/66	045							7.5C	--									125							
		5050																								

MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAH	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER						MILLIGRAMS PER LITER										
								LAB	FLD	CA	Mg	Na	K	CO ₃	HCO ₃	SO ₄	CL	NDS	F	B	SIO ₂	IDS	IM	SUM
ANTELOPE RESERVOIR (STA. 1 CONT.)																								
A5 R 811.0 036•1 10/10/66	050				7.0C	--	--														--	--	--	--
A5 R 811.0 036•1 10/10/66	5050			SAT	7.0C	--	--														--	--	--	--
A5 R 811.0 036•1 10/25/66	001				6.9	11.0C	--														--	--	--	--
A5 R 811.0 036•1 1230	5050																				--	--	--	--
A5 R 811.0 036•1 10/25/66	005																				--	--	--	--
A5 R 811.0 036•1 10/25/66	5050																				--	--	--	--
A5 R 811.0 036•1 10/25/66	010				6.3	10.0C	--														--	--	--	--
A5 R 811.0 036•1 10/25/66	5050																				--	--	--	--
A5 R 811.0 036•1 10/25/66	015																				--	--	--	--
A5 R 811.0 036•1 10/25/66	5050																				--	--	--	--
A5 R 811.0 036•1 10/25/66	020																				--	--	--	--
A5 R 811.0 036•1 10/25/66	5050																				--	--	--	--
A5 R 811.0 036•1 10/25/66	025																				--	--	--	--
A5 R 811.0 036•1 10/25/66	5050																				--	--	--	--
A5 R 811.0 036•1 10/25/66	030																				--	--	--	--
A5 R 811.0 036•1 10/25/66	5050																				--	--	--	--
A5 R 811.0 036•1 10/25/66	035																				--	--	--	--
A5 R 811.0 036•1 10/25/66	5050																				--	--	--	--

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER						MILLIGRAMS PER LITER									
								LAB	FLD	CA	Mg	Na	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	SiO ₂	TDS	TH
ANTELope RESERVOIR (STA. 1 CONT.)																							
A5 R 811.0 036.1	10/25/66	040		5.5	9.5C	--	6.9	105	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
A5 R 811.0 036.1	10/25/66	5050																					
A5 R 811.0 036.1	10/25/66	045		5.4	8.0C	--	6.9	138	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
A5 R 811.0 036.1	10/25/66	5050																					
A5 R 811.0 036.1	10/25/66	050		2.3	7.0C	--	6.7	140	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
A5 R 811.0 036.1	14/00	5050																					
A5 R 811.0 036.1	10/25/66	055																					
A5 R 811.0 036.1	11/21/66	001		7.6	6.8C	--	7.0	130	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
A5 R 811.0 036.1	11/21/66	5050																					
A5 R 811.0 036.1	11/21/66	015		7.4	8.3C	--	6.9	120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
A5 R 811.0 036.1	11/21/66	5050																					
A5 R 811.0 036.1	11/21/66	030		7.1	8.3C	--	6.9	120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
A5 R 811.0 036.1	11/21/66	5050																					
A5 R 811.0 036.1	11/21/66	040																					
A5 R 811.0 036.1	11/21/66	5050																					
A5 R 811.0 036.1	11/21/66	050		7.2	8.8C	--	7.0	210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
A5 R 811.0 036.1	11/21/66	5050																					

MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER DATE TIME	LAB SAMPLE	G.H. DEPTH	DO SAT	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER									
							LAH FLD	LAH FLD	CA	MG	NA	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	SiO ₂	TDS SUM	TH SUM
AS R 811•2 035•3 10/10/66 1300	001 5050				15•0C	--	--	--											--	--	--	--
AS R 811•2 035•3 10/10/66 5050	005				14•0C	--	--	--											--	--	--	--
AS R 811•2 035•3 10/10/66 5050	010				14•0C	--	--	--											--	--	--	--
AS R 811•2 035•3 10/10/66 5050	015				14•0C	--	--	--											--	--	--	--
AS R 811•2 035•3 10/10/66 5050	020				13•5C	--	--	--											--	--	--	--
ASR1120353 ANTELOPE RESERVOIR (STA. 4)																						

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	LAB	LAH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER						MILLIGRAMS PER LITER						
									PERCENT REACTANCE VALUE	CA	Mg	Na	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	SiO ₂
A5 R 811.3 036.5	10/10/66	001																			
	1200	5050																			
A5 R 811.3 036.5	10/10/66	005																			
	5050																				
A5 R 811.3 036.5	10/10/66	010																			
	5050																				
A5 R 811.3 036.5	10/10/66	015																			
	5050																				
A5 R 811.3 036.5	10/10/66	020																			
	5050																				
A5 R 811.3 036.5	10/10/66	025																			
	5050																				
ANTELOPE RESERVOIR (STA. 2)																					
A5R81130365																					
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MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	D.J.	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER				MILLIGRAMS PER LITER												
								SAT	FLD	LAB	FLD	NA	K	C03	HCO3	NO3	CL	SO4	F	H	SiO2	TDS	TOC	Sum
AS R 954•0 011•6 10/11/66	001 1130	5050			3•4	13•5C	--	--	7•4	140											--	--	--	--
AS R 954•0 011•6 10/11/66	005 5050					13•5C	--	--													--	--	--	--
AS R 954•0 011•6 10/11/66	010 5050				3•4	13•5C	--	--	7•5	140											--	--	--	--
AS R 954•0 011•6 10/11/66	015 5050					13•0C	--	--													--	--	--	--
AS R 954•0 011•6 10/11/66	020 5050				9•1	13•0C	--	--	7•4	140											--	--	--	--
AS R 954•0 011•6 10/11/66	025 5050					13•0C	--	--													--	--	--	--
AS R 954•0 011•6 10/11/66	030 5050				7•3	13•0C	--	--	7•3	140											--	--	--	--
AS R 954•0 011•6 10/11/66	035 5050					13•0C	--	--													--	--	--	--
AS R 954•0 011•6 10/11/66	040 5050				7•7	12•5C	--	--	7•3	140											--	--	--	--
AS R 954•0 011•6 10/11/66	045 5050					12•5C	--	--													--	--	--	--

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	SAT	TIME	DEPTH	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER				PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER											
									PH	EC	LAB	LAB	FLD	FLD	CA	Mg	Na	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	H	SiO ₂	TDS	Td
FRENCHMAN RESERVOIR (STA. 9 CONT.)																												
AS R 954.0 011.6	10/11/66	050		6.9	11.5C				--	--	7.3	145				--	--	--	--	--	--	--	--	--	--	--		
AS R 954.0 011.6	10/11/66	5050		5.4	9.0C				--	--	158					--	--	--	--	--	--	--	--	--	--	--		
AS R 954.0 011.6	10/11/66	5050		0.1	8.5C				--	--						--	--	--	--	--	--	--	--	--	--	--		
AS R 954.0 011.6	10/11/66	5050		8.0C					--	--	7.0	160				--	--	--	--	--	--	--	--	--	--	--		
AS R 954.0 011.6	10/11/66	5050		8.0C					--	--	6.9	168				--	--	--	--	--	--	--	--	--	--	--		
AS R 954.0 011.6	10/11/66	070							--	--						--	--	--	--	--	--	--	--	--	--	--		
AS R 954.0 011.6	10/11/66	5050							--	--						--	--	--	--	--	--	--	--	--	--	--		
AS R 954.0 011.6	10/11/66	075							--	--						--	--	--	--	--	--	--	--	--	--	--		
AS R 954.0 011.6	10/26/66	5050							--	--						--	--	--	--	--	--	--	--	--	--	--		
AS R 954.0 011.6	10/26/66	001		7.7	10.0C				--	--	7.3	148				--	--	--	--	--	--	--	--	--	--	--		
AS R 954.0 011.6	10/26/66	1130		10.0C					--	--						--	--	--	--	--	--	--	--	--	--	--		
AS R 954.0 011.6	10/26/66	005		10.0C					--	--						--	--	--	--	--	--	--	--	--	--	--		
AS R 954.0 011.6	10/26/66	010		10.0C					--	--						--	--	--	--	--	--	--	--	--	--	--		
AS R 954.0 011.6	10/26/66	5050		7.6	9.5C				--	--	7.3	148				--	--	--	--	--	--	--	--	--	--	--		
AS R 954.0 011.6	10/26/66	015							--	--						--	--	--	--	--	--	--	--	--	--	--	--	

TABLE U-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.M.	UO	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER									
								LAH	LAB	CA	Mg	NA	K	HCO ₃	SO ₄	CL	NO ₃	F	B	SI02	TDS	TH	SUM
A5 R 954-0 011-6	10/26/66	5050	020			9.5C	--	--	--												--	--	--
A5 R 954-0 011-6	10/26/66	5050	025			9.5C	--	--	--												--	--	--
A5 R 954-0 011-6	10/26/66	5050	030			7.6	9.5C	--	--											--	--	--	--
A5 R 954-0 011-6	10/26/66	5050	035			9.5C	--	--	--											--	--	--	--
A5 R 954-0 011-6	10/26/66	5050	040			9.0C	--	--	--											--	--	--	--
A5 R 954-0 011-6	10/26/66	5050	045			7.1	9.0C	--	--											--	--	--	--
A5 R 954-0 011-6	10/26/66	5050	050			9.0C	--	--	--											--	--	--	--
A5 R 954-0 011-6	10/26/66	5050	055			9.0C	--	--	--											--	--	--	--
A5 R 954-0 011-6	10/26/66	5050	060			7.2	9.0C	--	--											--	--	--	--
A5 R 954-0 011-6	10/26/66	5050	065			9.0C	--	--	--											--	--	--	--

FRENCHMAN RESERVOIR (STA. 9 CONT.)

TABLE 0-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	SAT	DEPTH	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER								MILLIGRAMS PER LITER										
								PH	EC	LAH FLU	LAH FLD	CA	Mg	Na	K	C03	HCO3	S04	CL	N03	F	B	Si02	T05 SUM	TH SUM	VCH
A5 R 954•0 011•6	10/26/66	5050	070					6.0C	--	--	172												--	--	--	
A5 R 954•0 011•6	10/26/66	5050	075					6.5	7.5C	--	180												--	--	--	
A5 R 954•0 011•6	10/26/66	5050	080					0.5	--	--	6.9												--	--	--	
A5 R 954•0 011•6	10/26/66	5050	090						--	--	7.0												--	--	--	
A5 R 954•0 011•6	11/22/66	5050	001					8.5	7.5C	--	178												--	--	--	
A5 R 954•0 011•6	11/22/66	5050	1220					8.4	8.8C	--	150												--	--	--	
A5 R 954•0 011•6	11/22/66	5050	020						--	--														--	--	--
A5 R 954•0 011•6	11/22/66	5050	040					8.4	4.0C	--	160												--	--	--	
A5 R 954•0 011•6	11/22/66	5050	060					8.4	5.5C	--	120												--	--	--	
A5 R 954•0 011•6	11/22/66	5050	080					8.4	7.5C	--	160												--	--	--	

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	LAH	LAH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER							
									FLO	CA	Mg	Na	K	HCO ₃	SO ₄	CL	NO ₃	F	B	SiO ₂	TDS	TH
FRENCHMAN RESERVOIR (STA. 6)																						
A5 R 954•4 011•4 10/11/66	5050	001		13•5C	--	--	14.0															
A5 R 954•4 011•4 10/11/66	5050	005		13•5C	--	--	14.0															
A5 R 954•4 011•4 10/11/66	5050	010		13•5C	--	--	14.0															
A5 R 954•4 011•4 10/11/66	5050	015		13•5C	--	--	14.0															
A5 R 954•4 011•4 10/11/66	5050	020		13•0C	--	--	14.0															
A5 R 954•4 011•4 10/11/66	5050	025		13•0C	--	--	14.0															
A5 R 954•4 011•4 10/11/66	5050	030		13•0C	--	--	14.0															
A5 R 954•4 011•4 10/11/66	5050	035		13•0C	--	--	14.0															
A5 R 954•4 011•4 10/11/66	5050	040		12•5C	--	--	14.0															
A5 R 954•4 011•4 10/11/66	5050	045		12•0C	--	--	14.3															

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER									
								LAB	LAB	CA	Mg	NA	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	SiO ₂	TDS	TH
TIME	SAMPLER	Q	SAT																				NCH
A52100.00	10/14/66	5050	9.9	57	F	8.0	178	--	4.2	--	0.0	114	--	3.7	--	0.0	--	--	0.0	--	--	88	
0945	5050	97				7.9	190	.18	1.87	1				.10								0	
A52100.00	11/17/66	5050	11.2	51.0	F	7.3	60	--	1.9	--	0.0	32	--	2.0	--	0.0	--	--	0.0	--	--	23	
1115	5050	103				7.1		.08				.52		.06								0	
A52100.00	12/07/66	5050	12.2	42.0	F	7.0	52	--	1.4	--	0.0	29	--	0.5	--	0.0	--	--	0.0	--	--	22	
1100	5050	100				7.3		.06				.48		.01								0	
A52100.00	01/27/67	5050	12.0	46.0	F	7.6	68	--	2.0	--	0.0	39	--	0.7	--	0.0	--	--	0.0	--	--	32	
1215	5050	103				7.3	78	.09	.64					.02								0	
A52100.00	02/22/67	5050	12.8	45	F	7.4	53	--	2.1	--	0.0	29	--	1.1	--	0.0	--	--	0.0	--	--	25	
1330	5050	108				7.3	60	.09	.48			.03										1	
A52100.00	03/24/67	5050	12.7	44.0	F	7.6	50	--	1.6	--	0.0	29	--	1.0	--	0.1	--	--	0.1	--	--	24	
1250	5050	107				7.3		.07				.48		.03								0	
A52100.00	04/25/67	5050	12.0	46.0	F	7.6	80	--	2.1	--	0.0	44	--	1.4	--	0.0	--	--	0.0	--	--	35	
1100	5050	104				7.3	85	.09	.72			.04										0	
A52100.00	05/27/67	5050	11.2	53	F	7.1	34	--	1.3	--	0.0	18	--	0.0	--	0.0	--	--	0.0	--	--	12	
1515	5050	106				50		.06	.30													0	
A52100.00	06/19/67	5050	10.9	54	F	7.5	26	--	1.3	--	0.0	21	--	0.6	--	0.1	--	--	0.1	--	--	14	
1130	5050	104							.06			.34		.02								0	
A52100.00	07/12/67	5050	9.0	71	F	7.8	69	--	2.5	--	0.0	38	--	1.4	--	0.0	--	--	0.0	--	--	26	
0930	5050	105				7.3	70	.11	.62			.04		.04							0		

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	TIME	LAH	G.H.	DO	TEMP	LAB	EC	MINERAL CONSTITUENTS IN						MILLIEQUIVALENT PER LITER								
									FLD	CA	Mg	Na	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	SiO ₂	TOS	TH
FEATHER R. & WEST BR NR YANKEE HILL (CONT.)																							
A52100.00 08/10/67	5050		8.7 102	72 F	8.3 7.7		133 135	--	3.3 .14	--	0.0 1.30								1.5 .04	--	0.0	--	--
1115	5050																						
A52100.00 09/28/67	5050		3.2 1045	70 F	7.7 95		161 170	--	4.9 .21	--	0.0 1.53								3.2 .09	--	0.0	--	--

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER										
								LAB	LAB	FLD	CA	MG	NA	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	SiO ₂	TDS	TH
7A5314010																								
A53140.10	10/14/66	5050	10.3	55 F	7.9	126	--	4.9	--	0.0	76	--	1.5	--	0.1	--	--	--	--	56	0			
	0900	5050		101	7.3	140		.21					.25		.04									
A53140.10	11/17/66	5050	3.80	50.0F	7.5	83	--	2.8	--	0.0	45	--	1.9	--	0.0	--	--	--	--	39	2			
	1030	5050		103	7.2			.12					.74		.05									
A53140.10	12/07/66	5050	12.3	43.0F	7.8	82	--	2.3	--	0.0	44	--	0.7	--	0.0	--	--	--	--	36	0			
	1015	5050		103	7.1			.10					.72		.02									
A53140.10	01/27/67	5050	12.5	43.0F	7.4	90	--	2.0	--	0.0	50	--	0.3	--	0.0	--	--	--	--	44	3			
	1030	5050		105	7.3	100		.09					.82		.01									
A53140.10	02/21/67	5050	3.98	12.8	41 F	7.8	86	--	2.7	--	0.0	49	--	1.1	--	0.0	--	--	--	36	0			
	1100	5050		104	7.1	100			.12					.80		.03								
A53140.10	03/24/67	5050	12.4	44 F	8.0	77	--	2.7	--	0.0	44	--	1.4	--	0.1	--	--	--	--	32	0			
	1145	5050		105	7.5	85			.12					.72		.04								
A53140.10	04/25/67	5050	4.45	11.9	45.0F	7.6	95	--	2.2	--	0.0	54	--	1.2	--	0.0	--	--	--	39	0			
	1015	5050		103	7.3	100			.10					.89		.03								
A53140.10	05/27/67	5050	10.4	56 F	7.4	59	--	1.6	--	0.0	32	--	1.0	--	0.0	--	--	--	26	0				
	1415	5050		103	7.3	65		.07					.52		.03									
A53140.10	06/19/67	5050	10.1	60 F	7.7	61	--	2.3	--	0.0	32	--	1.0	--	0.0	--	--	--	27	1				
	1230	5050		105																				

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	TIME	LAB	G.H.	DO	TEMP	SAT	PH	EC	MINERAL CONSTITUENTS IN						MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER					
										LAB	FLD	CA	MG	NA	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	SIO ₂	TDS	TDS	TH	NCH
FEATHER R., NORTH FK AT PULGA (CONT.)																											
A53140.10	3.80	9.2	66	F	7.5	91	--	3.4	--	0.0	52	--	1.2	--	0.0	--	--	--	--	--	--	--	--	--	36		
07/12/67	5050	0815	103		7.3	95		.15			.85		.03													0	
A53140.10	9.4	64	64	F	7.7	106	--	4.6	--	0.0	60	--	2.1	--	0.0	--	--	--	--	--	--	--	--	--	42		
09/28/67	5050	0945	102		7.3	110		.20			.98		.06													0	

MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER										MILLIGRAMS PER LITER										
							SAT	FLD	LAB FLD	INDIAN CH	INDIAN NR	CRESCENT MILLS	PERCENT REACTANCE	VALUE	CL	N03	F	B	SI02	TDS SUM	TH NCH						
A54320.00	11/23/66	5050	Q	86	35 F	7.4	157	--	8.0	--	0.0	7.4	--	7.4	--	--	--	--	--	--	--	61					
	0845	5050				6.9	200		.35				1.21		.21								1				
A54320.00	01/27/67	5050	Q	95	38.0F	7.6	160	--	4.8	--	0.0	58	--	2.4	--	--	--	--	--	--	--	47					
	0915	5050				7.1	135		.21				.95		.07								0				
A54320.00	03/24/67	5050	Q	99	40.0F	7.7	71	--	3.2	--	0.0	38	--	1.4	--	--	--	--	--	--	--	27					
	1035	5050				7.3	83		.14				.62		.04								0				
A54320.00	05/27/67	5050	Q	97	51 F	7.3	66	--	3.1	--	0.0	35	--	0.0	--	--	--	--	--	--	--	25					
	1130	5050				7.1	75		.13				.57										0				
A54320.00	07/12/67	5050	Q	88	63 F	7.9	125	--	5.6	--	0.0	70	--	1.6	--	--	--	--	--	--	--	47					
	0700	5050				7.1	125		.24				1.15		.05								0				
A54320.00	09/26/67	5050	Q	79	55 F	7.7	195	--	9.2	--	0.0	108	--	3.8	--	--	--	--	--	--	--	77					
	0715	5050				6.9	190		.40				1.77		.11								0				

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	LAH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER						MILLIGRAMS PER LITER										
								FLD	LAB	CA	Mg	Na	K	CO ₃	SO ₄	CL	N0 ₃	F	B	SIO ₂	TDS	TH	NCH	
A55100.00	10/17/66	5050						7A5510000	FEATHER R + MIDDLE FK NR MERRIMAC															
	12/15	5050						11.5	51 F	7.9	170	--	7.8	--	0.0	91	--	3.9	--	0.1	--	--	72	0
								110	7.1	180	.34		.16		47	--	.11	.49	--	--	--	--		
A55100.00	11/17/66	5050						6.68	11.1	49.0F	7.5	100	--	3.6	--	0.0	47	--	2.4	--	0.0	--	--	42
	1345	5050						103		7.3			.16		.77			.07						4
A55100.00	12/16/66	5050						7.58	12.7	42.0F	7.8	110	--	4.2	--	0.0	58	--	1.5	--	0.0	--	--	45
	1400	5050						107		7.3		122		.18		.95		.04						0
A55100.00	01/05/67	5050						13.0	40 F	8.0	126	--	4.5	--	0.0	58	--	3.2	--	0.2	--	--	--	53
	1240	5050						106		7.5	120		.20		.95			.09						6
A55100.00	02/14/67	5050						8.87	12.8	44 F	7.7	117	--	6.9	--	0.0	59	--	3.4	--	0.0	--	--	45
	1430	5050						111		7.5		125		.30		.97		.10						0
A55100.00	03/21/67	5050						10.39	11.8	48.0F	7.8	102	--	5.7	--	0.0	53	--	2.6	--	0.2	--	--	37
	1405	5050						108		7.5		110		.25		.87		.07						0
A55100.00	04/27/67	5050						12.0	50.0F	7.2	91	--	5.3	--	0.0	44	--	2.3	--	0.0	--	--	44	
	1215	5050						113		7.3		90		.23		.72		.06						8
A55100.00	05/25/67	5050						11.0	53 F	6.6	72	--	2.2	--	0.0	40	--	1.0	--	0.2	--	--	32	
	1300	5050						108		7.5		85		.10		.66		.03						0
A55100.00	06/19/67	5050						10.3	56 F	7.7	69	--	3.0	--	0.0	38	--	1.1	--	0.1	--	--	24	
	1130	5050						105		7.5		75		.13		.62		.03						0
A55100.00	07/25/67	5050						9.8	73 F	8.1	118	--	4.3	--	0.0	63	--	1.8	--	0.0	--	--	49	
	1430	5050						108						.19				.05					0	

MINERAL ANALYSES OF SURFACE WATER

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	TIME	SAMPLE	Q	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER										MILLIGRAMS PER LITER									
									PH	EC	LAB	LAB	FLD	FLD	CA	Mg	NA	K	C03	HCO3	S04	CL	N03	F	8	SIO2	T05	TH
A56080-10 10/17/66 5050 1000 5050				10.7 10.9	24 F	7.2 7.1	4.4 6.0	--	2.0 .09	-- 0.0	0.0 .38	-- .02	0.7 .02	--	0.3 --	--	0.3 --	--	0.7 .02	--	0.0 .06	--	0.0 .06	--	--	20 1	24 5	20 1
A56080-10 11/03/66 5050 1015 5050				10.9 10.8	57.0F	7.4 7.1	4.7 6.0	--	2.2 .10	-- 0.0	0.0 .38	-- .02	2.0 .06	--	0.0 .06	--	0.0 .03	--	0.0 .03	--	0.0 .03	--	0.0 .03	--	--	24 5	24 5	24 5
A56080-10 12/16/66 5050 1115 5050				12.8 112	47.0F	7.4 7.1	4.3 5.0	--	1.5 .07	-- 0.0	0.0 .36	-- .03	0.9 .03	--	0.0 .03	--	0.0 .03	--	0.0 .03	--	0.0 .03	--	0.0 .03	--	--	17 0	17 0	17 0
A56080-10 01/05/67 5050 1015 5050				13.7 110	41 F	7.4 7.1	4.3 5.0	--	1.7 .07	-- 0.0	0.0 .31	-- .05	1.7 .05	--	0.0 .05	--	0.0 .05	--	0.0 .05	--	0.0 .05	--	0.0 .05	--	--	21 6	21 6	21 6
A56080-10 02/14/67 5050 1200 5050				13.4 112	44 F	7.3 7.3	4.3 5.0	--	1.9 .08	-- .08	0.0 .36	-- .03	1.0 .03	--	0.0 .03	--	0.0 .03	--	0.0 .03	--	0.0 .03	--	0.0 .03	--	--	17 0	17 0	17 0
A56080-10 03/21/67 5050 1100 5050				12.9 115	48.0F	7.6 7.3	4.4 6.0	--	1.3 .06	-- .06	0.0 .38	-- .03	1.2 .03	--	0.0 .03	--	0.0 .03	--	0.0 .03	--	0.0 .03	--	0.0 .03	--	--	18 0	18 0	18 0
A56080-10 04/27/67 5050 1115 5050				12.8 112	47.0F	7.4 7.3	4.8 6.0	--	1.8 .08	-- .08	0.0 .41	-- .03	1.2 .03	--	0.0 .03	--	0.0 .03	--	0.0 .03	--	0.0 .03	--	0.0 .03	--	--	22 2	22 2	22 2
A56080-10 05/25/67 5050 1015 5050				11.2 105	52 F	7.1 5.0	3.7 0.6	--	1.3 .06	-- .06	0.0 .31	-- .01	1.2 .01	--	0.0 .01	--	0.3 .01	--	0.3 .01	--	0.1 .01	--	0.1 .01	--	--	16 1	16 1	16 1
A56080-10 06/19/67 5050 1300 5050				12.2 120	56.0F	7.0 7.1	3.9 5.0	--	1.7 .07	-- .07	0.0 .33	-- .02	0.7 .02	--	0.0 .02	--	0.2 .02	--	0.2 .02	--	0.2 .02	--	0.2 .02	--	--	17 1	17 1	17 1
A56080-10 07/25/67 5050 0945 5050				10.6 123	71 F	7.5 6.9	4.6 --	--	2.5 .11	-- .11	0.0 .26	-- .04	1.4 .04	--	0.0 .04	--	0.0 .04	--	0.0 .04	--	0.0 .04	--	0.0 .04	--	--	16 3	16 3	16 3
A56080-10 08/29/67 5050 1530 5050				10.6 123	71 F	7.5 6.9	4.0 .08	--	1.8 .08	-- .08	0.0 .33	-- .03	1.0 .03	--	0.0 .03	--	0.0 .03	--	0.0 .03	--	0.0 .03	--	0.0 .03	--	--	16 0	16 0	16 0

TABLE U-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER						MILLIGRAMS PER LITER									
								LAB FLD	LAB FLD	CA	Mg	Na	K	CO ₃	HCO ₃	SiO ₄	CL	NO ₃	F	B	SiO ₂	TDS	TH SUM
7A71110.00																							
A71110.00	10/03/66	5050	1.41	9.0	6.6 F	8.0	64	--	2.0	--	0.0	31	--	2.2	--	0.0	--	--	--	28			
	12/00	5050		9.7	7.1	7.1		.09				.51		.06						3			
A71110.00	11/04/66	5050	1.80	8.5	5.7 F	7.2	69	--	2.2	--	0.0	32	--	2.8	--	0.0	--	--	--	35			
	12/15	5050		82		6.9	85			.10		.52		.08						9			
A71110.00	12/05/66	5050	1.80	9.8	5.3 F	7.6	81	--	2.4	--	0.0	35	--	2.1	--	0.0	--	--	--	32			
	16/00	5050		90		7.1	80			.10		.57		.06						4			
A71110.00	01/13/67	5050	1.66	12.1	5.0 F	7.0	66	--	2.2	--	0.0	27	--	2.2	--	0.0	--	--	--	27			
	12/45	5050		107		7.3	82			.10		.44		.06						5			
A71110.00	02/09/67	5050	3.32	12.5	4.7 F	7.3	68	--	1.8	--	0.0	32	--	2.0	--	0.0	--	--	--	28			
	10/15	5050		106		7.1	90			.08		.52		.06						2			
A71110.00	03/03/67	5050	1.94	12.2	4.4 F	7.9	68	--	2.3	--	0.0	31	--	2.1	--	0.0	--	--	--	27			
	09/30	5050		105		7.1	70			.10		.51		.06						2			
A71110.00	04/20/67	5050	3.93	12.6	4.9 F	7.8	69	--	2.7	--	0.0	34	--	3.0	--	0.0	--	--	--	31			
	10/45	5050		110		7.3	75			.12		.56		.08						3			
A71110.00	05/01/67	5050	3.93	12.6	5.1 F	7.4	71	--	2.5	--	0.0	33	--	2.4	--	0.0	--	--	--	34			
	09/00	5050		113		7.3	80			.11		.54		.07						7			
A71110.00	05/24/67	5050																		--			
	11/00	5050																		--			
A71110.00	06/20/67	5050																		--			
	10/30	5050																		--			

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	EC	PH	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER									
								LAB	FLD	CA	Mg	NA	K	C03	HCO3	SO4	CL	N03	F	B	S102	TDS	TH
AMERICAN R AT NIMBUS DAM (CONT.)																							
A71110.00	9.5	65	F	7.5	47	--	--	2.1	--	0.0	22	--	--	2.1	--	0.0	--	--	--	--	--	18	
07/22/67	100	7.3		6.0				.04			.36			.06								0	
1200	5050																						
A71110.00	9.3	63	F	7.0	42	--	--	1.8	--	0.0	19	--		1.2	--	0.0	--	--	--	--	--	16	
08/22/67	96			6.8	50			.08			.31			.03								1	
1215	5050																						

MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER				PH				EC				MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER				MILLIGRAMS PER LITER				
DATE	LAB	G.H.	DO	TEMP	LAH	LAB	FLD	CA	Mg	NA	K	HCO ₃	SO ₄	CL	NO ₃	F	B	SiO ₂	TDS	TH
TIME	SAMPLER	Q	SAT																NCH	
A73100.00 11/04/66	5050 0900	6.13 99	10.7 99	54 F	7.3	92	--	--	3.0 .13	--	0.0 .69	42	--	3.2 .09	--	0.0	--	--	45 11	
A73100.00 01/03/67	5050 1315	7.82 105	13.0 105	42 F	7.0	50	--	--	1.7 .07	--	0.0 .33	20	--	1.7 .05	--	0.2	--	--	19 3	
A73100.00 03/03/67	5050 1345	8.72 103	12.3 103	46 F	8.1	49	--	--	1.9 .08	--	0.0 .38	23	--	1.5 .04	--	0.0	--	--	18 0	
A73100.00 05/01/67	5050 1230	9.43 108	12.2 108	50 F	7.4	60	--	--	2.1 .09	--	0.0 .48	29	--	1.9 .05	--	0.0	--	--	24 0	
A73100.00 08/22/67	5050 1000	10.2 98	10.2 98	57 F	7.2	42	--	--	1.7 .07	--	0.0 .31	19	--	1.1 .03	--	0.0	--	--	16 1	

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	LAH	LAR	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER						MILLIGRAMS PER LITER										
									FLO	FLD	CA	Mg	Na	K	CO ₃	HC ₀₃	SO ₄	CL	NO ₃	F	B	SiO ₂	TDS	TH	NCH
A74150.10	4.04.67	11.1	52	F	--	--	--	7A7415010	AMERICAN R.	SOUTH FK NR	LOTUS	--	--	--	--	--	--	--	--	--	--	--	--	--	
11/04/66	5050	103	7.1		65							0.0	23												
0930	5050											.10	.38												
A74150.10	6.008	12.9	41	F	--	--	--					1.3	--	0.0	14										
01/03/67	5050	103	7.0		60							.06		.23											
1500	5050																								
A74150.10	5.25	12.5	45	F	--	--	--					2.3	--	0.0	23										
03/03/67	5050	106	7.3		50							.10		.38											
1230	5050																								
A74150.10	7.04	12.4	50	F	--	--	--					2.6	--	0.0	26										
05/01/67	5050	112	7.1		65							.11		.43											
1045	5050																								
A74150.10	10.0	6.0	61	F	--	--	--					1.6	--	0.0	12										
08/22/67	5050	103	6.9		50							.07		.20											
1100	5050																								

ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAH	G.H.	O.O.	TEMP	SAT	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER										
									LAB	CA	Mg	Na	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	S102	TDS	TH
A81120.00 10/10/66	2.62	9.4 5050 5050	9.5 10.0	65 F 8.0	7.3	480	--	--	32	0.0	219	--	--	30	--	--	--	--	1.6	--	--	164	0
A81120.00 11/26/66	2.65	10.5 1515	9.2 9.6	72 F 8.1	7.9	663 570	--	--	51	0.0	224	--	--	81	2.28	--	--	--	2.9	--	--	214	31
A81120.00 12/19/66	3.29	11.3 14.00	4.9 F 9.9	7.9 7.9	578	--	--	41	0.0	226	--	--	48	1.35	--	--	--	1.8	--	--	200	15	
A81120.00 01/13/67	2.35	11.8 10.00	48 F 10.3	8.0 8.3	753 790	--	--	60	0.0	245	--	--	79	2.23	--	--	--	2.4	--	--	286	85	
A81120.00 02/10/67	4.16	10.5 1915	4.9 F 9.2	8.2 8.3	527 560	--	--	1.26	0.0	239	--	--	27	0.92	0.76	--	--	0.9	--	--	203	7	
A81120.00 03/29/67	4.22	11.2 0.945	4.9 F 9.3	8.6 8.4	495 470	--	--	1.26	0.0	239	--	--	24	0.43	0.321	--	--	1.0	--	--	195	13	
A81120.00 04/28/67	6.59	10.9 0.945	51 F 9.9	8.3 8.3	400 370	--	--	1.26	0.0	196	--	--	15	0.42	0.308	--	--	0.7	--	--	160	6	
A81120.00 05/31/67	3.58	9.0 1845	65 F 9.6	7.7 8.3	535 500	--	--	1.22	0.0	244	--	--	29	0.00	0.82	--	--	1.3	--	--	206	6	
A81120.00 07/22/67	3.5	66 F 92	8.4 8.1	391	--	--	--	22	0.0	180	--	--	22	0.95	0.10	--	--	1.0	--	--	151	0	
A81120.00 08/31/67	3.40	9.5 1015	75 F 10.1	8.6 8.1	354 354	--	--	17	0.0	163	--	--	14	0.20	0.67	--	--	1.0	--	--	139	0	

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	SAT	TIME	SAMPLER	Q	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER										MILLIGRAMS PER LITER										
										PH					EC					PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					
										LAI8	LAIS	LAB	FLD	CA	Mg	NA	K	CO3	HCO3	SO4	CL	NO3	F	H	SIO2	TOS	TH	NH	SUM	
6A8135000										CACHE CR NH LOWER LAKE										MILLIGRAMS PER LITER										
A81350.00	11/02/60	5000	41.0	41.0	41.0	58.0F	90	90	90	8.4	306	28	1.7	1.2	2.3	5.0	166	--	5.4	--	--	0.9	--	--	--	--	--	135	0	
	1900	5050								8.1		1.30	1.40	.52	.06	.17	2.72						.15							
A81350.00	01/04/67	5000	2.8	2.8	2.8	61.0F	94	94	94	8.4	390	44	25	22	2.8	5.0	174	--	22	--	--	1.1	--	--	--	--	--	213	62	
	1510	5050								8.0		2.20	2.06	.96	.07	.17	2.85						.62							
A81350.00	05/10/67	5000	6.0	117	117	58.0F	8.0	288	288	16	1.20	1.32	.52	.05	2.51	1.7	153	17	5.7	2.0	--	0.7	21	188	126	175	1			
	1245	5050								8.4		39	4.3	17	2	82							.35	.16	.03					

MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	TIME	LAB SAMPLE	G.H.Q.	DO SAT	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER									
									LAH FLD	LAH FLD	CA FLD	Mg	Na	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	SiO ₂	TDS	TH SUM
SEIGLER CR AT LOWER LAKE																								
A81373.00	11/06/66	1615	5050	1.5	--	8.4	6.84	3.5	4.2	4.0	5.3	9.0	289	17	54	0.2	--	3.0	--	404	264			
	11/06/66	1615	5050	1.5	--	8.4	6.84	1.75	3.45	1.74	.14	.30	4.74	.35	1.52	.35	--	--	--	347	12			
A81373.00	11/19/66	1645	5050	56.0	--	--	321	--	--	25	4.9	2.5	4	69	5	22	--	--	1.2	--	--	110		
	11/19/66	1645	5050	56.0	--	--	321	--	--	25	4.9	2.5	4	69	5	22	--	--	--	--	--	110		
A81373.00	01/21/67	1215	5050	659.0	--	7.0	7.2	5.0	2.6	3.0	2.3	0.0	30	3.6	2.4	1.8	--	0.2	--	87	23			
	01/21/67	1215	5050	659.0	--	7.0	7.2	5.0	2.5	2.1	.16	.06	.49	.07	.03	.07	--	--	--	36	0			
A81373.00	01/22/67	1500	5050	58.0	--	7.4	14.9	9.4	6.7	8.9	2.5	0.0	67	5.3	6.1	0.8	--	0.4	--	131	50			
	01/22/67	1500	5050	58.0	--	7.4	14.9	9.4	6.7	8.9	2.5	0.0	67	5.3	6.1	0.8	--	0.4	--	131	50			
A81373.00	04/07/67	1015	5050	3.55	--	7.9	17.4	10	1.0	2.2	0.0	86	11	5.8	0.0	--	0.4	35	140	66				
	04/07/67	1015	5050	3.55	--	7.9	17.4	10	1.0	2.2	0.0	86	11	5.8	0.0	--	0.4	35	140	66				

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	TIME	LAB	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER									
									LAB	FLD	CA	MG	NA	K	CO ₃	HCO ₃	SO ₄	CL	N0 ₃	F	B	S102	TDS	TH
CLEAR LAKE AT LAKEPORT																								
A81720.00	11/01/66	5000	9.8	56.0F	8.5	291	25	1.7	1.1	2.3	5.0	153	--	--	0.7	--	--	--	--	132	0			
	1710	5050	9.7		8.0		1.25	1.40	.48	.06	.17	2.51			.15									
A81720.00	01/04/67	5000	11.8	60.0F	8.4	261	22	15	10	1.9	3.0	144	--	--	5.4	--	--	0.6	--	--	116			
	1630	5050	122		7.2		1.10	1.23	.44	.05	.10	2.36			.15									
A81720.00	05/10/67	5000	9.5	55.0F	7.9	223	19	12	8.4	1.5	0.0	125	9.0	4.1	2.3	--	0.4	2.0	163	97				
	1640	5050	93		7.8		.95	.99	.37	.04	.05	.19			.12	.04		5	2	138	0			

MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER DATE TIME	LAB SAMPLER	G.H. Q	DO SAT	TEMP	PH FLD	EC LAB	MINERAL CONSTITUENTS IN PERCENT REACTANCE VALUE						MILLIGRAMS PER LITER MILLIEQUIVALENT PER LITER MILLIGRAMS PER LITER								
							FLD	CA	Mg	Na	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	SiO ₂	TDS	TH SUM
6A8205000 NF CACHE CR NR LOWER LAKE																					
A82050.00 11/02/66 0720	5000 5050	1.62 2.1	8.0 81	58.0F 8.2	8.7 8.2	589 1.75	35 2.30	28 1.83	42 .05	1.8 .05	20 .67	176 2.89	-- --	71 2.00	-- --	4.9 --	-- --	-- --	202 24		
A82050.00 01/04/67 1350	5000 5050	2.58 76.0	8.1 88	60.0F 8.5	8.6 8.5	409 1.35	27 1.97	24 1.04	1.1 .03	9.0 .30	184 3.02	-- .73	26 --	-- --	1.9 1.9	-- --	-- --	166 0			
A82050.00 05/10/67	5000 1415	2.89 249.0	9.5 101	62.0F 8.4	8.5 8.4	308 1.15	23 1.64	20 .52	0.7 .02	5.0 .17	167 2.74	12 .25	8.6 .24	-- .01	0.6 0.6	17 7	180 181	140 0			

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	EC	MINERAL CONSTITUENTS IN						MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER														
							LAB			FLD			PERCENT REACTANCE VALUE			CL			F			B			SI02			TDS			TH		
							FLO	CA	Mg	NA	K	CO3	HCO3	SO4	CL	NO3	F	B	SI02	TDS	TH	NCH											
B01125.00 11/28/66 1200	30.79 97	11.0 50	F 7.1	7.6 113	50 F 7.1	7.6 113	-- --	-- .23	5.2 .23	-- --	0.0 0.0	4.5 .74	-- --	5.1 .14	-- --	0.1 0.0	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- 41	-- 4								
B01125.00 01/13/67 1430	31.03 104	12.3 104	47 F 7.3	6.8 120	47 F 7.3	6.8 107	-- --	-- .17	3.9 .17	-- --	0.0 0.0	50 .82	-- --	4.1 .12	-- --	0.0 0.0	-- --	-- --	-- --	-- --	-- --	-- --	-- 45	-- 4									
B01125.00 03/27/67 1430	34.63 103	11.2 53	53 F 7.3	7.9 85	53 F 7.3	7.9 72	-- --	-- .13	3.1 .13	-- --	0.0 0.0	36 .59	-- --	1.9 .05	-- --	0.1 0.0	-- --	-- --	-- --	-- --	-- --	-- --	-- 27	-- 0									
B01125.00 05/29/67 1345	35.39 101	10.0 101	61 F 7.1	7.1 50	61 F 7.1	45 50	-- --	-- .09	2.1 0.0	-- --	0.0 0.0	22 .36	-- --	0.3 .01	-- --	0.0 0.0	-- --	-- --	-- --	-- --	-- --	-- --	-- 16	-- 0									

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	SAT	TIME	SAMPLER	PH		EC		MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER							
									LAB	LAB	FLD	FLD	CA	MG	NA	K	CO ₃	HCO ₃	SD ₄	CL	NO ₃	F	S	SI02	TDS	TH
MOKELUMNE R AT WOODBRIDGE																										
B02105.00	5.28	10.0	63	F	7.3	63	--	--	2.8	--	0.0	30	--	2.4	--	--	0.0	--	--	--	--	--	27	3		
11/02/66	5050	103			7.3	71			.12			.49														
1515	5050																									
B02105.00	3.52	13.5	45	F	7.1	67	--	--	2.7	--	0.0	30	--	2.6	--	--	0.1	--	--	--	--	--	24	0		
01/10/67	5050	112			8.1				.12			.49														
1530	5050																									
B02105.00	16.44	10.1	57	F	6.9	55	--	--	2.4	--	0.0	22	--	1.7	--	--	0.1	--	--	--	--	--	20	2		
05/22/67	5050	97			7.1	70			.10			.36														
1630	5050																									
B02105.00	9.5	65	F	7.1	45	--	--	--	2.1	--	0.0	20	--	1.5	--	--	0.0	--	--	--	--	--	15	0		
08/24/67	5050	100			7.1	50			.09			.33														
0930	5050																									
B02105.00	9.5	63	F	7.3	41	--	--	--	2.0	--	0.0	18	--	1.6	--	--	0.0	--	--	--	--	--	17	2		
09/12/67	5050	98			7.1				.09			.30														
1530	5050																									

TABLE V
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	D.O.	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER									
								LAB FLD	LAB FLD	CA	Mg	Na	K	HCO ₃	CO ₃	SO ₄	Cl	NO ₃	F	B	SiO ₂	TDS	TH SUM
7B0214300																							
B02143.00 11/02/66	5050 0940	3.65 97	9.6 97	60 F	7.2 7.1	6.0 72	--	--	3.0 .13	0.0 .43	26 .10	--	3.5 .10	--	--	0.0 .07	--	--	--	--	23 2		
B02143.00 01/11/67	5050 0930	11.7 100	4.7 F	7.0 7.1	6.2 7.0	--	--	2.3 .10	0.0 .36	22 .36	--	2.6 .07	--	--	0.0 .07	--	--	--	--	24 6			
B02143.00 03/13/67	5050 1330	3.38 105	11.8 105	50 F	9.1 7.1	6.3 7.0	--	--	3.0 .13	0.0 .10	20 .33	--	2.8 .08	--	--	0.0 .08	--	--	--	22 1			
B02143.00 05/29/67	5050 0945	7.77 108	11.6 6.9	53 F	7.3 6.0	55 .10	--	--	2.4 .10	0.0 .38	23 .38	--	1.4 .04	--	--	0.0 .04	--	--	--	20 1			
B02143.00 09/12/67	5050 1500	10.6 111	6.3 F	7.3 7.1	4.1 7.1	--	--	1.9 .08	0.0 .04	19 .31	--	1.5 .04	--	--	0.0 .04	--	--	--	17 2				

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DU	TEMP	PH	F.C.	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER						MILLIGRAMS PER LITER							
								LAB	CA	Mg	NA	K	CO ₃	HCO ₃	SU ₄	CL	NO ₃	F	B	SID ₂	TDS
TIME	SAMPLE#	(Q)	SAT																		
802515.01	10/10/66	5050	13.3	78 F	7.5	193	--	6.8	--	0.0	100	--	4.9	--	--	0.6	--	--	--	81	0
	1315	5050	161		8.3	205		.30			1.64		.14								
802515.01	12/05/66	5050	6.5	52.0 F	7.3	439	--	23	--	0.0	122	--	3.7	--		0.2	--	--	--	92	0
	1245	5050	59		7.3	440		1.00			2.00		.10								
802515.01	01/11/67	5050	17.5	48 F	7.4	233	--	8.4	--	0.0	87	--	9.0	--		0.1	--	--	--	94	23
	1430	5050	151		8.4			.37			1.43		.25								
802515.01	02/07/67	5050	11.5	48 F	7.0	212	--	7.0	--	0.0	92	--	2.0	--		0.0	--	--	--	87	12
	1330	5050	99		8.1	240		.30			1.51		.06								
802515.01	03/29/67	5050	12.5	61.0 F	8.4	229	--	8.1	--	3.0	95	--	7.3	--		0.1	--	--	--	105	22
	1430	5050	122		8.5	270		.35			.10		.56								
802515.01	04/17/67	5050	10.6	60.0 F	7.6	210	--	8.9	--	0.0	89	--	7.2	--		0.0	--	--	--	85	12
	1400	5050	106		8.3	215		.39			1.46		.20								
802515.01	05/23/67	5050	7.5	82 F	7.1	186	--	6.4	--	0.0	75	--	7.0	--		0.2	--	--	--	69	8
	1245	5050	94					.28			1.23		.20								
802515.01	06/22/67	5050	7.3	82.0 F	7.1	208	--	9.2	--	0.0	97	--	6.2	--		0.0	--	--	--	74	0
	1230	5050	92		8.5	210		.40			1.59		.17								
802515.01	09/12/67	5050	9.6	72 F	7.8	167	--	5.7	--	0.0	80	--	4.1	--		0.1	--	--	--	69	4
	1200	5050	109		8.1			.25			1.31		.12								

MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	TIME	LAB SAMPLER	G.H.	D.O.	TEMP	SAT	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER									
										LAH	LAB	FLD	CA	Mg	NA	K	CO ₃	HCO ₃	SO ₄	CL	N03	F	B	SiO ₂	TOS
B11150.00	11/04/66	1115	5050	2.29	11.1	57	F	7.3	102	--	--	4.9	--	0.0	51	--	3.0	--	--	0.1	--	--	--	40	0
B11150.00	01/13/67	1345	5050	1.08	13.0	45	F	7.6	96	--	--	3.2	--	0.0	48	--	3.7	--	--	0.0	--	--	--	42	3
B11150.00	03/27/67	1145	5050	5.04	12.1	49	F	7.7	64	--	--	3.0	--	0.0	32	--	1.7	--	--	0.0	--	--	--	25	0
B11150.00	05/29/67	0815	5050	5.24	10.2	56	F	7.2	44	--	--	2.2	--	0.0	22	--	0.0	--	--	0.0	--	--	--	15	0
B11150.00	09/11/67	0830	5050	3.6	6.6	61	F	7.7	79	--	--	5.9	--	0.0	39	--	2.6	--	--	0.0	--	--	--	30	0

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER									
								LAB	LAB	CA	MG	NA	K	CO ₃	HC ₀₃	SO ₄	CL	NO ₃	F	B	SiO ₂	TDS	TH
7825300000																							
B25300.00	10/03/66	5000	1.31	10.0	52 F	7.9	186	21	7.1	4.8	1.7	0.0	94	--	3.5	--	0.0	--	--	--	--	82	5
	0800	5050			93			1.05	.58	.21	.04						.10						
B25300.00	11/07/66	5050	.89	9.4	54 F	7.8	192	--	--	5.3	--	0.0	100	--	4.9	--	0.0	--	--	--	--	88	6
	0930	5050			89					.23							.14						
B25300.00	03/13/67	5050	3.19	10.5	54 F	8.6	182	--	--	4.9	--	4.0	79	--	5.1	--	0.0	--	--	--	--	82	11
	1530	5050			1520.0	100				.21		.13	1.30				.14						
B25300.00	05/02/67	5050	10.0	46 F	8.1	199	--	--	5.9	--	0.0	83	--	4.4	--	0.0	--	--	--	--	--	87	19
	0845	5050			86				.26								.12						
B25300.00	06/12/67	5050	--	7.7	163	--		3.8	--	0.0	76	--	3.1	--	0.0	--	--	--	--	--	--	69	7
	1315	5050							.17								.09						
B25300.00	07/11/67	5050	1.72	9.9	58 F	7.9	166	--	--	5.0	--	0.0	79	--	3.5	--	0.0	--	--	--	--	72	7
	1240	5050			99					.22							.10						
B25300.00	08/25/67	5050	1.67	10.0	58 F	7.7	164	--	--	4.6	--	0.0	81	--	3.5	--	0.1	--	--	--	--	71	5
	0830	5050			209.0	100				.20							.10						

MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	EC	MINERAL CONSTITUENTS IN						MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER					
							PH	LAB	FLD	CA	MG	NA	K	CO3	HC03	S04	CL	NO3	F	B	S102	TDS	TH	NCH
CALAVERAS R AB NEW HOGAN RESERVOIR																								
825320.10 11/07/66	5050 0900	7.9 75	54 F	7.6	307	--	--	.52	--	0.0	122	--	1.6	--	0.1	--	--	--	--	--	130	30		
825320.10 03/13/67	5050 1445	--	8.3	119	--	--	4.1	--	0.0	58	--	3.5	--	0.0	--	--	--	--	--	--	53	6		
825320.10 04/05/67	5050 0910	10.3 93	50 F	7.9	148	--	--	.23	--	0.0	70	--	3.7	--	0.0	--	--	--	--	--	61	4		
825320.10 05/02/67	5050 0740	10.0 86	46 F	8.0	162	--	--	.20	--	0.0	79	--	4.8	--	0.0	--	--	--	--	--	69	4		
825320.10 06/12/67	5050 1230	--	7.5	177	--	--	4.7	--	0.0	86	--	4.2	--	0.0	--	--	--	--	--	--	74	4		
825320.10 07/11/67	5050 1200	8.4 104	78 F	8.2	238	--	--	.35	--	0.0	118	--	6.4	--	0.0	--	--	--	--	--	110	13		
825320.10 08/25/67	5050 0745	5.8 81	74 F	7.9	259	--	--	.41	--	0.0	124	--	8.6	--	0.0	--	--	--	--	--	113	12		

TABLE 0-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DJ	TEMP	SAT	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER						MILLIGRAMS PER LITER									
									LAH	LAH	LAH	LAH	CA	Mg	Na	K	CO ₃	HCO ₃	SO ₄	CL	NOS	F	B	SiO ₂
R91210.10 10/13/66	5050 1015			7.9 8.3	n4 F n4	8.0 7.5	185 200	--	12 .52	--	0.0 1.43	87 .25	--	--	0.1 .25	--	--	--	--	--	--	--	79	8
R91210.10 11/21/66	5050 1020			8.6 8.2	56 F 56	7.6 7.0	170 170	--	11 .48	--	0.0 1.25	76 1.25	--	--	0.0 .22	--	--	--	--	--	--	--	60	0
R91210.10 12/21/66	5050 0950			5.40 8.7	10.0 44.0 F 44.0	7.9 7.1	188 188	--	12 .52	--	0.0 1.26	77 .23	--	--	0.1 .23	--	--	--	--	--	--	--	66	3
R91210.10 01/10/67	5050 1115			5.15 10.4	12.4 46 F 46	7.7 7.5	205 205	--	14 .61	--	0.0 1.23	75 1.23	--	--	0.0 .31	--	--	--	--	--	--	--	86	25
R91210.10 02/08/67	5050 1130			5.76 9.2	10.7 48 F 48	7.8 7.5	194 220	--	11 .48	--	0.0 1.38	84 1.38	--	--	0.0 .19	--	--	--	--	--	--	--	70	1
R91210.10 03/13/67	5050 1115			10.1 9.0	51.0 F 51	7.8 7.5	223 230	--	14 .61	--	0.0 1.49	91 1.49	--	--	1.1 .31	--	--	--	--	--	--	--	80	6
R91210.10 04/06/67	5050 1045			5.22 9.0	10.9 51 F 51	8.0 7.7	191 200	--	12 .52	--	0.0 1.28	78 1.28	--	--	0.0 .28	--	--	--	--	--	--	--	68	4
R91210.10 05/22/67	5050 1400			3.7 9.4	57 F 57	7.3 7.3	136 150	--	6.4 .28	--	0.0 .92	56 .92	--	--	6.1 .17	--	--	--	--	--	--	--	46	0
R91210.10 06/27/67	5050 1000			3.7 9.4	67.0 F 67.0	7.7 7.3	110 110	--	6.0 .26	--	0.0 .84	51 .84	--	--	3.6 .10	--	--	--	--	--	--	--	37	0
R91210.10 09/11/67	5050 1630			3.1 9.1	71 F 71	7.6 7.3	185 185	--	13 .57	--	0.0 1.33	81 1.33	--	--	9.1 .26	--	--	--	--	--	--	--	62	0

TABLE D-2
INITIAL ANALYSES OF SURFACE WATER

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER									
								LAB	FLU	FLD	CA	Mg	NA	K	CO ₃	HC ₀₃	S ₀₄	CL	NO ₃	F	B	SI ₀₂	TDS
TIME	SAMPLER	Q	SAT					MILLIEQUIVALENT PER LITER						PERCENT REACTANCE VALUE									
891650.10	10/19/66	5050	58 F	--	58	155	--	--	--	--	--	--	--	--	--	--	--	--	--	95	--		
	0825	5050		--		143	--	--	--	--	--	--	--	--	--	--	--	--	--	75	--		
891650.10	12/21/66	5050				138																	
	1435	5050		--		191	--	--	--	--	--	--	--	--	--	--	--	--	--	123	--		
891650.10	01/16/67	5050				183																	
	0935	5050		--		151	--	--	--	--	--	--	--	--	--	--	--	--	--	104	--		
891650.10	02/17/67	5050				147																	
	1445	5050		--		142	--	--	--	--	--	--	--	--	--	--	--	--	--	100	--		
891650.10	03/14/67	5050				135																	
	1400	5050		--		137	--	--	--	--	--	--	--	--	--	--	--	--	--	63	--		
891650.10	04/24/67	5050				135																	
	1230	5050		--		100	--	--	--	--	--	--	--	--	--	--	--	--	0.1	--			
891650.10	05/29/67	5050																		72	--		
	1300	5050		--																			

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAH	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER											
								LAB	LAB	FLD	FLD	CA	Mg	Na	K	CO ₃	HCO ₃	SO ₄	CL	N0 ₃	F	B	S1O ₂	TDS	TH
7B9165020																									
891650.20	4.11	7.6	67	F	8.0	169	--	--	11	--	0.0	81	--	8.7	--	0.1	--	--	--	--	--	--	76		
10/10/66 5050	1415	5050			82	7.3	190	.48		1.33		.25												10	
891650.20	3.13	10.3	50	F	7.9	160	--	--	9.6	--	0.0	68	--	8.0	--	0.1	--	--	--	--	--	--	.58		
11/28/66 5050	1300	5050			91	7.1	160	.42		1.12		.23												2	
891650.20	4.32	10.4	49	F	7.8	150	--	--	7.8	--	0.0	66	--	5.3	--	0.0	--	--	--	--	--	--	55		
12/19/66 5050	1030	5050			91	7.1	145	.34		1.08		.15												1	
891650.20	1.65	11.9	45	F	7.5	174	--	--	12	--	0.0	80	--	7.8	--	0.0	--	--	--	--	--	--	--	69	
01/10/67 5050	1000	5050			98	7.5		.52		1.31		.22												4	
891650.20	7.95	10.8	49	F	6.8	104	--	--	3.9	--	0.0	64	--	2.1	--	0.0	--	--	--	--	--	--	43		
02/06/67 5050	1215	5050			94	7.1	125	.17		1.05		.06												0	
891650.20	5.83	10.4	50	F	8.3	159	--	--	9.2	--	0.0	74	--	6.2	--	0.0	--	--	--	--	--	--	60		
03/13/67 5050	1015	5050			92	7.3	170	.40		1.21		.17												0	
891650.20	3.66	10.9	50	F	7.8	119	--	--	6.2	--	0.0	54	--	5.7	--	0.1	--	--	--	--	--	--	45		
04/06/67 5050	1000	5050			96	7.3	130	.27		.89		.16												1	
891650.20	5.55	9.7	63	F	7.6	98	--	--	4.2	--	0.0	46	--	2.2	--	0.0	--	--	--	--	--	--	36		
05/22/67 5050	1300	5050			100	7.1	105	.18		.75		.06											0		
891650.20	4.42	8.8	65	F	6.9	101	--	--	5.5	--	0.0	48	--	3.5	--	0.1	--	--	--	--	--	--	38		
06/27/67 5050	0900	5050			93	7.3	105	.24		.79		.10											0		
891650.20	1.99	8.3	73	F	8.1	146	--	--	9.2	--	0.0	67	--	5.5	--	0.0	--	--	--	--	--	--	53		
07/26/67 5050	1015	5050			95	7.3	175	.40		1.10		.16											0		

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAT	G.H.	D.J.	TEMP	T.E.W.P	LAH	LAR	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER								
									FLO	FLD	CA	MG	NA	K	PERCENT REACTANCE VALUE			MILLIEQUIVALENT PER LITER					
															HCO ₃	CO ₃	F	B	SIO ₂	TDS	TH	YCH	
R91650.20	4.03	3.0	75	F	8.1		150	--	9.9	--	0.0	68	--	--	0.0	--	--	--	--	53		0	
08/01/67	5050	1330	94		7.4		160		.43		1.12		.17										
R91650.20	4.63	3.0	75	F	8.5		153	10	7.0	10	1.0	65	10	6.0	0.3	0.1	.03	1.4	94	54			
08/01/67	4500	1331	94		7.4		160	.50	.58	.44	.03	.07	1.07	.21	.17						93	0	
R91650.20	3.0	70	F		7.6		179	--	13	--	0.0	80	--	8.4	--	--	0.1	--	--	--	61		
09/11/67	5050	1515	99		7.3				.57		1.31		.24										0

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	SAT	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER									
								PH	FLD	LAB	FLD	CA	Mg	NA	K	C03	HCO3	S04	CL	N03	F	B	ST02
R91840.00 01/18/66	5050 0915			9.7 95	57 F 7.3	7.5 145	--	--	8.9 .39	--	0.0 1.30	79 .19	--	6.9 .0.1	--	--	--	--	55 0	--	--	--	
R91840.00 11/18/66	5050 1100			9.5 92	57 F 7.2	7.8 139	--	--	8.4 .37	--	0.0 1.10	67 .17	--	6.0 .0.0	--	--	--	--	53 0	--	--	--	
R91840.00 12/12/66	5050 1500			15.37 90	52.0F 90	7.2 7.1	--	--	6.5 .28	--	0.0 .98	60 .12	--	4.2 .0.0	--	--	--	--	48 0	--	--	--	
R91840.00 01/10/67	5050 0845			4.10 98	11.8 F 7.5	45 F 7.7	--	--	11 .48	--	0.0 .90	55 .28	--	9.8 .0.0	--	--	--	--	65 20	--	--	--	
R91840.00 02/06/67	5050 1100			16.92 98	11.3 F 7.3	49 F 140	--	--	4.2 .18	--	0.0 .87	53 .37	--	1.3 .0.0	--	--	--	--	43 0	--	--	--	
R91840.00 02/28/67	5000 5050			--	8.1	143	13 .65	7.4 .50	0.8 .02	--	0.0 21	70 .17	--	3.9 .1.1	1.6 .0.3	0.1 2	--	--	--	58 1	--	--	--
R91840.00 03/08/67	5050 0900			11.0 99	51 F 7.3	-- 205	--	--	--	--	0.0 1.15	79 12	--	0.1 .8	1.8 .0.3	--	--	--	--	57 93	--	--	--
R91840.00 03/13/67	5050 0915			6.35 102	11.5 F 99	48.0F 7.5	--	--	8.8 .38	--	0.0 1.15	70 1.15	--	6.9 .1.9	--	--	--	--	57 0	--	--	--	
R91840.00 04/04/67	5050 1330			11.3 102	52 F 7.4	-- 120	--	--	--	--	0.0 0.0	70 56	--	6.9 .4.9	--	--	--	--	46 0	--	--	--	
R91840.00 04/06/67	5050 0845			9.19 96	10.9 F 7.3	50.0F 135	--	--	6.4 .28	--	0.0 .92	64 .14	--	4.9 .0.1	--	--	--	--	46 0	--	--	--	
R91840.00 05/02/67	5050 1220			10.8 107	59 F 7.3	-- 90	--	--	--	--	0.0 --	56 --	--	4.9 .0.1	--	--	--	--	46 0	--	--	--	

TABLE 0-2
MINERAL ANALYSES OF SURFACE WATER

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

TABLE D-2
NIGHTHAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAH	G.M.	UO	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER						MILLIGRAMS PER LITER									
								LAH	LAB	CA	Mg	NA	K	CU3	HCO3	SU4	CL	NO3	F	B	SiO2	TDS	TH
TIME	SAMPLER	Q	SAT																				
R94120.00	11/02/66	5050				7.1	62 F	8.0	332	--	35								--	0.2	--	--	102
	1430	5050				7.3		7.1			1.52									1.13			20
R94120.00	01/10/67	5050				10.1	47 F	7.1	316	--	22	--	0.0	88	--	39	--		0.0	--	--	--	110
	1500	5050				86		7.2			.96								1.10				38
R94120.00	03/09/67	5050				10.0	51 F	8.0	238	--	15	--	0.0	77	--	24	--		0.0	--	--	--	79
	1200	5050				90		7.3	240		.65												16
R94120.00	05/22/67	5050				3.5	69 F	7.4	90	--	4.0	--	0.0	38	--	3.7	--		0.0	--	--	--	32
	1600	5050				94		7.1	105		.17												1
R94120.00	09/15/67	5050				3.4	57 F	7.6	151	--	11	--	0.0	57	--	13	--		0.1	--	--	--	47
	1100	5050				91		7.3			.48												1

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAH	G.H.	U.O.	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER						MILLIGRAMS PER LITER						
								SAT	FLD	LAH	LAH	NA	K	Mg	Ca	Na	K	HCO ₃	SO ₄	CL
TBD-10001																				
H95010.01	10/20/66	5050				8.0	68 F	--	2570	--	--	--	--	--	--	--	--	--	1420	--
	11/00	5050				8.7		7.6												
H95010.01	11/16/66	5050				9.3	62 F	--	1370	--	--	--	--	--	--	--	--	20.50	--	--
	0940	5050				9.5		7.5										9.76		
H95010.01	12/14/66	5050				9.0	54 F	--	253	--	--	--	--	--	--	--	--	.73		
	1245	5050				8.3		7.3										26		
H95010.01	01/26/67	5050				11.4	46 F	--	321	--	--	--	--	--	--	--	--	.99		
	1135	5050				9.5		7.3										35		
H95010.01	02/23/67	5050				12.5	45 F	--	312	--	--	--	--	--	--	--	--	41		
	1018	5050				10.3		6.8										1.16		
H95010.01	03/30/67	5050				13.5	45 F	--	308	--	--	--	--	--	--	--	--	37		
	1420	5050				112		7.0										1.04		
H95010.01	04/26/67	5050				9.7	56 F	--	228	--	--	--	--	--	--	--	--	21		
	1405	5050				92		6.8										.59		
H95010.01	05/24/67	5050				7.4	70 F	--	156	--	--	--	--	--	--	--	--	13		
	1245	5050				82		8.0										.37		
H95010.01	06/21/67	5050				9.7	67 F	--	142	--	--	--	--	--	--	--	--	16		
	1200	5050				94		7.6										.45		
H95010.01	08/21/67	5050				7.3	14 F	--	44.3	--	--	--	--	--	--	--	--	74		
	1220	5050				90		7.6										2.09		

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.O.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN						MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER					
								LAR	LAB	CA	Mg	Na	K	CO ₃	HCO ₃	504	CL	NO ₃	F	B	SiO ₂	TOS	TH	SUM	NCH
TIME	TIME	SAMPLER	Q	SAT	FLD	FLD	FLD																		
895020.00	10/18/66	5050	•22	3.4	64 F	8.2	1470	--	206	--	0.0	100	1.64	--	359	--	0.2	--	--	--	--	--	181	99	
	1145	5050			88	7.5	1500	--	8.96	--															
895020.00	11/18/66	5050	1.07	8.1	61 F	8.0	933	--	119	--	0.0	74	1.21	--	214	--	0.2	--	--	--	--	--	134	74	
	1300	5050			83	7.1		--	5.18	--															
895020.00	12/22/66	5050	1.03	8.5	50 F	7.7	346	--	32	--	0.0	78	1.28	--	41	--	0.2	--	--	--	--	--	93	29	
	0800	5050			76	7.1	365	--	1.39	--															
895020.00	01/10/67	5050	2.85	10.2	48 F	6.9	322	--	30	--	0.0	136	2.23	--	41	--	0.2	--	--	--	--	--	93	0	
	1300	5050			88	7.3		--	1.31	--															
895020.00	02/06/67	5050	9.4	50 F	6.8	313	--	23	--	0.0	65	1.07	--	2.0	--	0.0	--	--	--	--	--	--	90	37	
	1400	5050			84	7.1	360	--	1.00	--															
895020.00	03/09/67	5050	8.9	55 F	8.3	324	--	28	--	0.0	81	--	--	36	--	0.0	--	--	--	--	--	--	94	28	
	1315	5050			83	7.3	365	--	1.22	--															
895020.00	04/06/67	5050	2.55	9.7	54 F	7.8	233	--	20	--	0.0	61	1.00	--	24	--	0.2	--	--	--	--	--	67	17	
	1200	5050			91	7.1	255	--	.87	--															
895020.00	05/22/67	5050	2.53	8.1	70 F	7.4	168	--	12	--	0.0	52	.85	--	16	--	0.0	--	--	--	--	--	48	6	
	1500	5050			91	7.1	190	--	.52	--															
895020.00	06/27/67	5050	•08	7.7	73 F	7.9	167	--	16	--	0.0	46	--	--	17	--	0.1	--	--	--	--	--	37	0	
	1130	5050			90	7.3	170	--	.70	--															
895020.00	07/26/67	5050	7.7	77 F	8.0	186	--	18	--	0.0	53	.87	--	21	--	0.0	--	--	--	--	--	--	47		
	1215	5050			93	7.3	190	--	.78	--														4	

TABLE U-2
MINERAL ANALYSES OF SURFACE WATER

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	TIME	SAT	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER										
										LAH	LAH	FLD	FLD	CA	MG	NA	K	CO ₃	SO ₄	NO ₃	F	B	SiO ₂	TDS	TH	NCH
B95020.10																										
10/19/66	5050							--	--																	
1400	5050																									
B95020.10								50 F	--	342	--															
12/21/66	5050									325	--															
1120	5050							--	--	326	--															
B95020.10								01/16/67	5050																	
1030	5050									322	--															
B95020.10								03/14/67	5050																	
1210	5050									303	--															
										351	--															
B95020.10										55 F	--	205	--													
04/19/67	5050										241	--														
1500	5050							--	--	149	--															
B95020.10																										
05/29/67	5050																									
1145	5050																									

MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	D.J.	TEMP	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER									
							LAB	LAB	CA	Mg	NA	K	C03	HCO3	S04	CL	NO3	F	B	SiO2	TDS	TH
789522000																						
H95220.00	10/20/66	5050		7.8	61 F	8.3	311	--	27	--	0.0	104	--	31	--	0.1	--	--	--	88		
	(190)	5050			79	7.3	335		1.17		1.71		.87								3	
R95220.00	11/21/66	5050		5.63	8.6	57 F	8.0	193	--	12	--	0.0	79	--	14	--	0.1	--	--	76		
	1415	5050			84								1.30		.39						11	
R95220.00	12/13/66	5050		5.16	7.5	53 F	8.3	934	--	103	--	0.0	148	--	134	--	0.9	--	--	206		
	1345	5050			72								2.43		3.78						85	
R95220.00	01/10/67	5050		4.82	10.0	46 F	6.9	658	--	66	--	0.0	97	--	92	--	0.4	--	--	159		
	1345	5050			84								1.59		2.59						80	
R95220.00	02/06/67	5050		6.71	7.0	50 F	7.8	974	--	116	--	0.0	131	--	148	--	1.2	--	--	210		
	1545	5050			62								5.05		2.15						103	
R95220.00	03/29/67	5050		5.80	8.7	58 F	8.0	595	--	68	--	0.0	89	--	73	--	0.5	--	--	125		
	1300	5050			85								2.96		1.46						52	
R95220.00	04/28/67	5050		4.16	7.8	61 F	7.4	439	--	46	--	0.0	92	--	53	--	0.4	--	--	98		
	1300	5050			79								2.00		1.51						23	
R95220.00	05/24/67	5050		4.88	5.7	74 F	7.1	219	--	18	--	0.0	62	--	22	--	0.2	--	--	59		
	1215	5050			66								.78		1.02						8	
R95220.00	06/22/67	5050		4.67	5.9	75 F	6.9	177	--	16	--	0.0	43	--	19	--	0.1	--	--	37		
	1230	5050			69								.70		.54						2	

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER											
								LAB	LAB	CA	Mg	NA	K	CO ₃	HCO ₃	SO ₄	CL	N0 ₃	F	B	SiO ₂	T05	T06	NH ₃	
895278.01						7.1	72.0F	8.3	4.34	2.0	1.2	4.3	2.0	0.0	100	27	58	0.1	--	0.2	--	224	101		
10/04/66	5050							81	7.3	4.30	1.00	.99	1.87	.05	1.64	.56	1.64					211	19		
	1300	5050								26	25	48	1	43	15	43									
895278.01						69.0F	--	525	--	--	--	--	--	--	--	--	76	--	--	0.4	--	--	--	--	
10/11/66	5050																	2.14							
	1045	5050																							
895278.01						64.0F	--	515	--	--	--	--	--	--	--	--	74	--	--	0.3	--	--	--	--	
10/19/66	5050																2.09								
	1215	5050																							
895278.01						8.0	64.0F	7.3	4.82	2.4	13	4.8	2.6	0.0	109	35	62	1.4	--	0.3	--	274	115		
11/01/66	5050								7.3	475	1.20	1.07	2.09	.07	1.79	.73	1.75	.02				240	26		
	1130	5050									27	24	47	2	42	17	41								
895278.01						59.0F	--	660	--	--	--	--	--	--	--	--	1.05	--	--	0.5	--	--	--	--	
11/09/66	5050																2.96								
	1100	5050																							
895278.01						61.0F	--	858	--	--	--	--	--	--	--	--	143	--	--	0.8	--	--	--	--	
11/14/66	5050									1000								4.03							
	1310	5050																							
895278.01						57.0F	--	1120	--	--	--	--	--	--	--	--	217	--	--	1.5	--	--	--	--	
11/21/66	5050									1000								6.12							
	1140	5050																							
895278.01						55.0F	--	1190	--	--	--	--	--	--	--	--	233	--	--	1.8	--	--	--	--	
11/29/66	5050									1100								6.57							
	1145	5050																							
895278.01						8.5	53.0F	7.3	1540	4.9	33	198	3.5	0.0	126	117	328	5.8	--	3.1	--	873	258		
12/06/66	5050								7.3	1500	2.45	2.71	8.61	.09	2.07	2.43	9.25	.09				799	155		
	1115	5050									18	20	62	1	15	18	67	1							
895278.01						53.0F	--	1120	--	--	--	--	--	--	--	--	227	--	--	2.3	--	--	--	--	
12/13/66	5050																	6.40							
	1130	5050																							
895278.01						50.0F	--	1110	--	--	--	--	--	--	--	--	230	--	--	2.4	--	--	--	--	
12/20/66	5050									1000									6.49						
	1115	5050																							

MINERAL ANALYSES OF SURFACE WATER

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER									
								LAB	FLD	CA	MG	NA	K	C03	HCO3	SO4	CL	NO3	F	B	SiO2	TDS	TH
ITALIAN SLOUGH NR MOUTH (CONT.)																							
B95278.01 05/29/67	5050 1220	2.62	6.7.0F	--	156	--	--	--	--	--	--	--	--	--	--	--	--	0.1	--	--	--	--	
B95278.01 06/05/67	5050 1030	1.80	7.7	62.0F	7.8	181	1.2	3.2	16	1.8	0.0	44	1.0	22	1.8	--	0.1	--	136	43	7		
B95278.01 06/12/67	5050 1020	3.35	65.0F	--	151	--	--	.70	.05	.72	.21	.62	.03	--	--	--	--	--	--	--	--		
B95278.01 06/19/67	5050 0940	2.01	75.0F	--	178	--	--	--	--	--	--	--	--	--	--	--	--	0.1	--	--	--		
B95278.01 06/28/67	5050 1115	2.90	74.0F	--	212	--	--	--	--	--	--	--	--	--	--	--	--	0.4	--	--	--		
B95278.01 07/05/67	5050 1015	1.56	7.1	76.0F	7.4	130	7.9	3.3	10	1.3	0.0	30	5.8	15	2.2	--	0.0	--	82	33	9		
B95278.01 07/11/67	5050 0950	3.30	76.0F	--	150	--	--	.39	.27	.44	.03	.49	.12	.42	.04	--	--	--	20	--	60		
B95278.01 07/17/67	5050 1105	.09	78.5F	--	175	--	--	.35	.24	.39	.3	.46	.11	.39	.4	--	--	0.2	--	--	--		
B95278.01 07/24/67	5050 1135	1.65	77.5F	--	234	--	--	--	--	--	--	--	--	--	--	--	--	0.1	--	--	--		
B95278.01 08/01/67	5050 1140	5.8	82.5F	--	303	--	--	--	--	--	--	--	--	--	--	--	1.07	--	0.0	--	--		
B95278.01 08/08/67	5050 1220	.50	78.0F	--	205	--	--	--	--	--	--	--	--	--	--	--	.76	--	--	--	--		

TABLE U-C
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAH	G.H.	U.J.	TEMP	LAH	LAB	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER									
								FLD	FLD	CA	MG	NA	K	C03	HCO3	S04	CL	N03	F	B	S102	TDS	JH
ITALIAN SLOUGH NR MOUTH (CONT.)																							
R95278.01	08/15/67	5050	.48	78.5F	--	228	--	--	--	--	--	--	--	--	--	21	--	--	0.2	--	--	--	--
	1800	5050				225										59							
R95278.01	08/23/67	5050	2.30	78.0F	--	234	--	--	--	--	--	--	--	--	--	19	--	--	0.3	--	--	--	--
	1900	5050				220										54							
R95278.01	08/31/67	5050	74.0F	--	261	--	--	--	--	--	--	--	--	--	--	26	--	--	0.1	--	--	--	--
	1120	5050				255										73							
R95278.01	09/07/67	5050	.47	7.9 76.5F	7.7	270	16	9.8	22	1.9	0.0	77	26	1.6	--	0.1	--	--	151	76			
	1320	5050				7.7										1.26			0.3				
R95278.01	09/13/67	5050	.70	77.0F	--	394	--	--	--	--	--	--	--	--	--	49	21	29	1			140	13
	1210	5050				370																	
R95278.01	09/20/67	5050	1.50	77.0F	--	308	--	--	--	--	--	--	--	--	--	37	--	--	0.3	--	--	--	--
	0945	5050				300																	
R95278.01	09/26/67	5050	1.80	76.0F	--	384	--	--	--	--	--	--	--	--	--	44	--	--	0.4	--	--	--	--
	1135	5050				360																	
R95278.01	09/29/67	5050	.49	74.0F	--	589	--	--	--	--	--	--	--	--	--				0.4	--	--	--	--
	1000	5050																					

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER				PH				EC				MINERAL CONSTITUENTS IN				MILLIEQUIVALENT PER LITER				MILLIGRAMS PER LITER				
DATE	LAB	G.H.	D.O.	TEMP	LAH	LAB	FLD	CA	MG	NA	K	CO ₃	HCO ₃	SU ₄	CL	NO ₃	F	B	SiO ₂	TDS	TH	TDS	NCH	
TIME	SAMPLER	Q	SAT																					
895280.00																								
10/04/66	5050	1330	5050		74.0F	8.5	15700	107	145	3250	0.7	62	483	667	4740	3.6	--	101.0	--	10000	--	865		
								5.34	11.92	141.38	.02	2.06	7.92	13.87	133.67	.06						9313	366	
895280.00					65.0F	--	15800	--	--	--	1	5	1	9	85	--	--	4950	--	--	87.0	--	--	--
10/11/66	5050	1200	5050															139.59						
895280.00					76.0F	--	16900	--	--	--	--	--	--	--			5470	--	--	83.0	--	--	--	
10/19/66	5050	1235	5050															154.25						
895280.00					61.0F	7.2	18300	342	254	3410	18	0.0	516	570	5920	3.8	--	77.0	--	11900	1900			
11/01/66	5050	1045	5050					17.07	20.88	148.34	.46	8.46	11.86	11.66	94	.06					10848	1478		
895280.00																		5	6	89				
895280.00					--	--	16400	--	--	--	--	--	--	--			5010	--	--	92.0	--	--	--	
11/09/66	5050	1040	5050															141.28						
895280.00					60.0F	--	16600	--	--	--	--	--	--	--			5170	--	--	91.0	--	--	--	
11/14/66	5050	1110	5050															145.79						
895280.00					57.0F	--	16000	--	--	--	--	--	--	--			5030	--	--	83.0	--	--	--	
11/21/66	5050	1130	5050															141.85						
895280.00					56.0F	--	15800	--	--	--	--	--	--	--			4850	--	--	83.0	--	--	--	
11/29/66	5050	1130	5050															136.77						
895280.00					53.0F	8.5	14700	118	147	2890	17	58	419	574	4530	1.2	--	81.0	--	8960	900			
12/06/66	5050	1015	5050					5.89	12.08	125.72	.44	1.93	6.87	11.94	27.75	.02					8622	460		
895280.00					52.0F	--	14100	--	--	--	1	5	1	5	8	86	--	--	4320	--	--	75.0	--	--
12/13/66	5050	1115	5050																					
895280.00					47.0F	--	13100	--	--	--	--	--	--	--								7680	--	
12/20/66	5050	1050	5050																			216.58	--	
																		1						

MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER											
								LAU	LAU	CA	MG	NA	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	S102	TDS	TH	NCM	
7B95280000																									
R95280.00	12/27/66	5050	1150	5050		45.0F	--	12700	--	--	--	--	--	--	--	4410	--	--	65.0	--	--	--	--		
R95280.00	01/09/67	5050	1330	5050		44.0F	8.5	12400	116	132	2460	14	0.0	440	438	3800	0.1	--	69.0	--	7110	835	7245	674	
R95280.00	01/23/67	5050	1030	5050		47.0F	--	11400	--	--	--	--	--	7.22	9.11	0.7.16	6	/	87	--	--	--	--	--	
R95280.00	02/01/67	5050	1315	5050		55.0F	8.4	11300	105	118	2170	4.0	27	392	375	3360	0.4	--	56.0	--	6600	748	6407	382	
R95280.00	02/17/67	5050	1135	5050		53.0F	--	14000	--	--	--	--	--	.90	6.43	7.80	94.75	.01	86	--	--	--	--	--	--
R95280.00	03/03/67	5050	1045	5050		56.0F	7.7	14900	318	232	2600	14	0.0	453	462	4700	0.5	--	61.0	--	10500	1750	8609	1380	
R95280.00	03/17/67	5050	1030	5050		59.0F	--	14200	--	--	--	--	--	7.43	9.61	32.54	.01	--	49.0	--	--	--	--	--	--
R95280.00	04/07/67	5050	1315	5050		60.0F	8.0	14300	331	227	2520	6.0	0.0	428	547	4640	0.3	--	52.0	--	8480	1760	8533	1410	
R95280.00	04/21/67	5050	1230	5050		58.0F	--	13900	--	--	--	--	--	7.02	11.38	30.85	5	8	88	--	--	--	--	--	--
R95280.00	05/10/67	5050	0945	5050		64.0F	7.9	16900	361	279	2820	1.1	0.0	468	520	5240	0.4	--	59.0	--	10600	2050	9510	1667	
R95280.00	05/19/67	5050	1015	5050		70.0F	--	12100	--	--	--	--	--	7.68	10.82	47.77	5	/	89	--	--	--	--	--	--

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	LAB	G.O.H.	DO	TEMP	DATE	TIME	SAMPLE	MINERAL CONSTITUENTS IN WATER										MILLIEQUIVALENT PER LITER													
								PH	EC	LAIH	LAIH	LAH	LAH	FLD	CA	Na	K	CO ₃	HCO ₃	NO ₃	CL	NO ₂	F	B	SiO ₂	TDS	TH	NCH			
895280.00					05/29/67	1335	5050	711.0F	--	12900	--	--	--	--	--	--	--	--	3930	--	--	60.0	--	--	--	--	--				
895280.00					06/05/67	1015	5050	61.0F	H.6	12500	1.33	1.42	2420	14	59	309	412	3860	0.1	--	61.0	--	8040	916	7253	565	916	565			
895280.00					06/12/67	1030	5050	69.0F	--	13700	--	--	--	--	--	1.96	5.07	8.57	108.85	7	87	--	--	--	--	--	--	--			
895280.00					06/19/67	0920	5050	77.0F	--	14400	--	--	--	--	--	--	--	--	4080	--	--	75.0	--	--	--	--	--	--			
895280.00					06/28/67	1045	5050	77.0F	--	15200	--	--	--	--	--	--	--	--	115.06	--	--	--	--	--	--	--	--	--			
895280.00					07/05/67	1045	5050	77.0F	--	16500	1.39	1.90	3300	17	0.0	413	532	5390	0.0	--	80.0	--	10200	1130	9850	792	1130	792			
895280.00					07/11/67	0940	5050	75.0F	--	18100	--	--	--	--	--	6.94	15.62	14.35	.44	7	89	--	--	--	--	--	--	--	--	--	
895280.00					07/17/67	1045	5050	77.0F	--	19800	--	--	--	--	--	--	--	--	5830	--	--	57.0	--	--	--	--	--	--			
895280.00					07/24/67	1110	5050	76.0F	--	21800	--	--	--	--	--	--	--	--	164.41	--	--	--	--	--	--	--	--	--			
895280.00					08/01/67	1130	5050	77.5F	8.4	24800	200	316	4920	27	33	452	763	8170	1.0	--	132.0	--	17200	1800	14783	1376	1800	1376			
895280.00					08/08/67	1235	5050	82.0F	--	25900	--	--	--	--	--	--	9.98	25.98	214.02	.69	1.10	7.41	15.87	230.39	.02	--	--	--	--	--	--

MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	TIME	LAB SAMPLE	G.H.	D.J.	TEMP	SAT	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER									
										LAB	FLD	CA	Mg	Na	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	SiO ₂	TDS	TH SUM
ITALIAN SLOUGH NR BYRON (CONT.)																									
A95280.00	08/15/67	0745	5050	78.0F	--	27000	--	--	--	--	--	--	--	--	--	--	9250	--	--	144.0	--	--			
																	260.85								
B95280.00	08/23/67	0920	5050	77.0F	--	28500	--	--	--	--	--	--	--	--	--	10100	--	--	140.0	--	--				
																284.82									
B95280.00	08/31/67	0950	5050	75.0F	--	29700	--	--	--	--	--	--	--	--	--	10600	--	--	140.0	--	--				
																298.92	1								
B95280.00	09/07/67	1300	5050	77.5F	8.4	29800	290	448	6250	32	9.0	511	867	10500	0.0	--	151.0	--	20800	2570					
								14.47	36.83271.88	.82	.30	8.38	18.03296.10								18797	2138			
B95280.00	09/13/67	1230	5050	76.0F	--	27800	--	--	--	--	--	3	6	92											
B95280.00	09/20/67	1010	5050	75.0F	--	28200	--	--	--	--	--	--	--	--	--	10200	--	--	137.0	--	--				
																287.64	1								
B95280.00	09/26/67	1200	5050	77.0F	--	27600	--	--	--	--	--	--	--	--	--	10400	--	--	139.0	--	--				
																293.28	1								
B95280.00	09/29/67	0950	5050	72.0F	--	29200	--	--	--	--	--	--	--	--	--	10300	--	--	140.0	--	--				
																290.46	1								

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	TIME	LAB	G.H.	DO	TEMP	SAT	EC	MINERAL CONSTITUENTS IN						MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER					
									LAB	FLD	CA	Mg	NA	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	SIO ₂	TDS	TH	TDS	SUM
895283.50	02/01/67	1400	5050	5050	54 F	--	54	375 380	ITALIAN SLOUGH AT RD 800 PUMP	--	--	--	--	--	--	--	--	--	.93	33	--	0.8	--	--	--	--

MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER DATE TIME	LAB SAMPLER Q	G.H. SAT	DO TEMP	PH LAB FLD	EC LAB FLD	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER						
						PERCENT REACTANCE VALUE				CLIFFTON COURT RO BR				NO3				
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	F	H	SI02	SUM
895285.50 10/04/66 5050 0910 5050				67 F 8.2 71 F --	789528550 559 574 1.00 2.0	20 1.32 2.74 0.05	16 26 54 1	63 2.1 .05 .1	0.0 -- -- --	103 .71 .34 .34	34 2.59 .52 .14	92 2.59 .52 .14	0.2 -- -- --	0.7 -- -- --	-- -- -- --	322 278 30 --	114 30 -- --	
895285.50 10/11/66 5050 1330 5050				63 F --	548 530	-- --	-- --	-- --	-- --	-- --	-- 2.88	102 --	-- --	0.5 --	-- --	-- --	-- --	
895285.50 10/19/66 5050 1300 5050				63 F 7.0 63 F 7.0	578 580 1.15 21	23 1.48 2.83 0.06	18 27 51 1	65 1.84 1.84 .34	0.0 1.84 1.84 .34	112 69 13 13	33 2.90 53 53	103 .05 1 1	3.4 0.05 -- --	0.6 -- -- --	327 303 38 --	130 38 38 --		
895285.50 11/01/66 5050 1030 5050				55 F --	891 850	-- --	-- --	-- --	-- --	-- --	-- 4.65	165 --	-- --	2.4 --	-- --	-- --	-- --	
895285.50 11/07/66 5050 1025 5050				58 F --	897 860	-- --	-- --	-- --	-- --	-- 4.74	-- --	168 4.74	-- --	1.9 --	-- --	-- --	-- --	
895285.50 11/14/66 5050 1045 5050				56 F --	1230 1100	-- --	-- --	-- --	-- --	-- 7.53	267 --	-- --	4.1 --	-- --	-- --	-- --	-- --	
895285.50 11/21/66 5050 1230 5050				55 F --	1500 1300	-- --	-- --	-- --	-- --	-- 9.28	329 --	-- --	4.4 --	-- --	-- --	-- --	-- --	
895285.50 11/29/66 5050 1115 5050				52 F 7.6 900	1060 .85 9	17 .82 9	10 7.66 81	176 .18 2	0.0 .18 2	120 .75 21	36 6.68 8	237 .02 71	1.3 -- --	4.0 -- --	594 547 0	85 0 --		
895285.50 12/06/66 5050 1004 5050				53 F --	1500 1450	-- --	-- --	-- --	-- --	-- --	-- 332	-- 9.36	-- --	4.3 --	-- --	-- --	-- --	
895285.50 12/13/66 5050 1105 5050				49 F --	1490 1400	-- --	-- --	-- --	-- --	-- 9.28	329 --	-- --	4.4 --	-- --	-- --	-- --	-- --	
895285.50 12/20/66 5050 1037 5050																		

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	U.D.	TEMP	EC	PH	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER								
								CA	MG	NA	K	CO ₃	HCO ₃	SU ₄	CL	N0 ₃	F	8	SI0 ₂	TDS	TH	NH
TIME SAMPLER Q																						
R95285.50	12/27/66	5050	1115	5050			44 F	--	1820	--	--	--	--	--	--	444	--	--	--	--	--	
R95285.50	01/09/67	5050	1340	5050			46 F	7.5	1590	37	25	246	3.6	0.0	124	104	352	5.5	--	888	195	
R95285.50	01/23/67	5050	1020	5050			47 F	--	749	--	--	--	--	--	2.03	2.16	9.93	.09	--	839	94	
R95285.50	02/01/67	5050	1200	5050			55 F	7.6	1260	35	21	170	5.6	0.0	111	83	260	8.6	--	703	175	
R95285.50	02/17/67	5050	1145	5050			53 F	--	1240	1.75	1.73	7.40	.14	1.82	1.73	7.33	.14	--	641	84		
R95285.50	03/03/67	5050	1015	5050			54 F	7.8	1310	35	21	190	4.8	0.0	137	93	266	7.6	--	753	174	
R95285.50	03/17/67	5050	1010	5050			58 F	--	1250	1.75	1.73	8.27	.12	2.25	1.93	7.50	.12	--	688	62		
R95285.50	04/07/67	5050	1230	5050			55 F	8.1	1480	39	19	227	4.6	0.0	223	83	302	2.5	--	789	176	
R95285.50	04/21/67	5050	1250	5050			57 F	--	1500	1.95	1.56	9.87	.12	3.66	1.73	8.52	.04	--	792	0		
R95285.50	05/10/67	5050	0930	5050			62 F	8.0	1090	32	20	147	3.6	0.0	157	67	205	4.9	--	557	162	
R95285.50	05/19/67	5050	0950	5050			70 F	--	970	1.60	1.64	6.39	.09	2.57	1.39	5.78	.08	--	559	34		

MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	SAT	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER						
									LAB FLD	CA FLD	MG NA	K CO3	HCO3	SO4	CL	N03	F	B	SI02	TDS	TH SUM
ITALIAN SLU AT CLIFTON COURT RD BR (CONT.)																					
R95285.50	05/29/67	5050	64 F	--	297	--	--	--	--	--	60	18	53	2.6	--	0.6	--	218	64		
	1020	5050	61 F	8.0	346	16	5.8	38	2.1	0.0	*80	*48	*83	*37	1.49	*04	--	166	15		
R95285.50	06/05/67	5050	64 F	--	260	--	--	--	--	--	27	16	55	2	34	1.3	52	1			
	0945	5050	75 F	7.6	194	9.7	3.9	19	1.3	0.0	*48	*32	*83	*03	*57	*16	*82	*04			
R95285.50	07/05/67	5050	1145	5050	195	195	19	50	2		29	19	50	2	36	10	52	3			
R95285.50	07/17/67	5050	77 F	--	282	--	--	--	--	--	270				--	--	53	--			
	1020	5050	77 F	--	317	--	--	--	--	--	285				--	--	1.49	--			
R95285.50	07/24/67	5050	77 F	--	562	18	8.5	70	1.9	0.0	510	.90	.70	3.05	.05	.93	.67	3.05	0.9	--	
	1030	5050	77.5 F	7.6	562	18	8.5	70	1.9	0.0	510	.90	.70	15	65	1	20	14	65		
R95285.50	08/01/67	5050	1055	5050	245	--	--	--	--	--	80 F	--	--	--	--	--	--	--			
R95285.50	08/08/67	5050	1300	5050	260	--	--	--	--	--	78 F	--	--	--	--	--	--	--			
R95285.50	08/15/67	5050	0730	5050	174	--	--	--	--	--	79 F	--	--	--	--	--	--	--			
R95285.50	08/23/67	5050	0930	5050	220	--	--	--	--	--	77 F	--	--	--	--	--	--	--			
R95285.50	08/30/67	5050	0935	5050	271	--	--	--	--	--	240	--	--	--	--	--	--	--			
R95285.50	09/07/67	5050	1230	5050	258	--	--	--	--	--	77 F	7.6	331	19	8.6	2.2	0.0	.84	2.6	4.0	
					312	--	--	--	--	--	312	.95	.71	1.39	.06	1.38	.54	1.13	.02		
					31	--	--	--	--	--							1.45	37	1		

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	TIME	SAMPLER	Q	SAT	PH			EC			MINERAL CONSTITUENTS IN LAB			MILLIGRAMS PER LITER			MILLIEQUIVALENT PER LITER			PERCENT REACTANCE VALUE			MILLIGRAMS PER LITER		
										FLD	FLD	CA	FLD	CA	MG	NA	K	CO ₃	HC ₀₃	SO ₄	CL	N0 ₃	F	B	SiO ₂	TDS	TH	NCH		
B95285.50										789528550																				
09/13/67		5050								75 F	--	456	--	--	--	--	--	--	--	--	--	--	--	--	0.8	--	--	--		
1150		5050										420																		
B95285.50										75 F	--	525	--	--	--	--	--	--	--	--	--									
09/20/67		5050										490																		
1030		5050								75 F	--	746	--	--	--	--	--	--	--	--	--									
B95285.50												700																		
09/26/67		5050								72 F	--	531	--	--	--	--	--	--	--	--	--									
1210		5050										510																		
B95285.50																														
09/29/67		5050																												
0940		5050																												

MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	TIME	SAMPLER	Q	SAT	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER										
												FLO	LAB	CA	MG	NA	K	C03	HCO3	S04	CL	N03	F	B	S102	SUM	NCH	
895286.50	11/21/66	5050	1345	5050						62 F	--	667	--	--	--	--	--	--	101	--	--	--	2.2	--	--	--	--	
895286.50	11/29/66	5050	1110	5050						68 F	--	734	--	--	--	--	--	--	2.85	--	--	--	1.6	--	--	--	--	
895286.50	12/06/66	5050	1345	5050						52.0F	7.0	289	12	1.9	43	6.2	0.0	82	12	35	1.5	--	1.5	--	224	38	0	
895286.50	01/23/67	5050	1015	5050						42 F	--	684	--	250	.60	.16	1.87	.16	1.34	.25	.99	.02				153	0	
895286.50	02/01/67	5050	1505	5050						56.0F	7.9	811	37	1.6	106	4.2	0.0	193	--	111	8.4	--	2.1	--	463	159	1	
895286.50	02/17/67	5050	1315	5050						53 F	--	1260	--	--	--	--	--	--	205	--	--	--	3.1	--	--	--	--	
895286.50	03/03/67	5050	1000	5050						48.0F	8.2	1330	37	2.8	198	5.4	0.0	276	83	228	1.7	--	3.8	--	736	208	0	
895286.50	03/17/67	5050	1330	5050						66 F	--	766	--	1300	1.85	2.30	8.61	.14	4.53	1.73	6.43	.03	--	91	--	1.9	--	--
895286.50	04/07/67	5050	1345	5050						59.0F	8.0	876	56	14	104	4.2	0.0	264	56	99	3.0	--	2.2	--	465	198	0	
895286.50	04/21/67	5050	1300	5050						56.0F	--	1050	--	990	2.79	1.15	4.52	.11	4.33	1.16	2.79	.05				468	0	

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

TABLE V
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER									
								LAB FLD	LAB FLD	CA	MG	NA	K	CO ₃	HC ₀₃	SO ₄	CL	NO ₃	F	B	S ₁₀₂	TDS	TH SUM
ITALIAN SLOUGH AT BYRON-BETHANY PUMPS																							
7895288850																							
B95288.50	2.40		68 F	7.7	61.0	23	16	76	2.6	0.0	162	0.0	108	0.4	--	0.9	--	348	125				
10/02/66	5050				560	1.15	1.32	3.31	.07	2.66	3.05	.01	53					306	0				
0730	5050					20	23	57	1	47													
B95288.50	.80		67 F	--	656	--	--	--	--	--	--		107	--	--	1.0	--	--	--	--			
10/08/66	5050				580																		
1000	5050																						
B95288.50	.70		61 F	--	679	--	--	--	--	--	--												
10/14/66	5050																						
0500	5050																						
B95288.50	.00		62 F	6.8	682	29	17	79	3.2	0.0	176	8.9	114	1.4	--	1.0	--	386	143				
10/31/66	5050				600	1.45	1.40	3.44	.08	2.89	.19	3.21	.02					340	0				
0830	5050					23	22	54	1	46	3	51											
B95288.50																							
11/08/66	5050																						
1300	5050																						
B95288.50	1.05																						
11/12/66	5050																						
1030	5050																						
B95288.50																							
11/18/66	5050																						
1330	5050																						
B95288.50	2.00																						
11/29/66	5050																						
1100	5050																						
B95288.50																							
3.70																							
12/06/66	5050																						
1355	5050																						
B95288.50	2.40																						
12/13/66	5050																						
1100	5050																						
B95288.50	1.30																						
12/20/66	5050																						
1030	5050																						

TABLE 0-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER				PH				EC				MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER				MILLIGRAMS PER LITER						
DATE	LAB	G.H.	D.O.	TEMP	LAB	LAB	FLO	CA	MG	NA	K	CO ₃	HCO ₃	SO ₄	CL	NOS	F	B	SI02	TDS	TH	
TIME	SAMPLER	Q	SAT																		SUM	NCH
ITALIAN SLU AT BYRON BETHANY PUMPS (CONT.)																						
895288.50		.28		44 F	--	2130	--	--	--	--	--	--	--	--	--	--	--	--	8.0	--	--	
12/27/66	5050	1055	5050	44 F	7.8	1930	40	25	306	4.2	0.0	148	109	451	4.2	--	6.6	--	1080	203	--	
895288.50		2.15				2.00	2.06	13.31	.11	2.43	2.27	12.72	.07						1019	82		
01/09/67	5050	1355	5050			11	12	76	1	14	13	73										
895288.50		2.15		47 F	--	655	--	--	--	--	--	--	--	--	--	--	12.0	--	2.7	--	--	
01/23/67	5050	1000	5050			700																
895288.50		3.80		55 F	7.7	1170	17	6.7	190	8.0	0.0	130	37	251	3.9	--	5.2	--	647	70	--	
02/01/67	5050	1500	5050			1210	.85	.55	8.27	.20	2.13	.77	7.08	.06						583	0	
895288.50		2.90				9	6	84	2	21	8	71	1									
02/17/67	5050	1230	5050			2000	--	--	--	--	--	--										
895288.50		3.00				55 F	7.5	1870	38	24	306	5.8	0.0	227	99	404	1.4	--	7.0	--	1070	195
03/03/67	5050	0945	5050			1790	1.90	1.97	13.31	.15	3.72	2.06	11.39	.02						996	9	
895288.50		3.60				61 F	--	1160	--	--	--	--	--									
03/17/67	5050	1000	5050			1110																
895288.50				58 F	8.4	1880	38	22	308	5.2	5.0	223	93	407	1.7	--	7.8	--	988	186	--	
04/07/67	5050	1215	5050			1950	1.90	1.81	13.40	.13	.17	3.66	1.93	11.48	.03					997	0	
895288.50						54 F	--	2120	--	--	--	--	--									
04/21/67	5050	1025	5050			2000																
895288.50		3.55				62 F	8.1	1570	42	22	231	4.4	0.0	242	76	307	4.9	--	5.7	--	797	196
03/10/67	5050	0R30	5050			1480	2.10	1.81	10.05	.11	3.97	1.58	8.66	.08						812	0	
895288.50		1.30				15	13	71	1	28	11	61	1									
05/19/67	5050	0940	5050			622	--	--	--	--	--	--										

MINERAL ANALYSES OF SURFACE WATER

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	SAT	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER				TDS	TH		
									LAB	FLD	CA	MG	NA	K	CO ₃	HC0 ₃	SO ₄	CL	N0 ₃	F	B	S10 ₂
ITALIAN SLU AT BYRON BETHANY PUMPS (CONT.)																						
B95288.50	08/09/67	5050	1.20		77 F	--	297	--	--	--	--	--	--	--	--	--	--	--	0.4	--	--	
	0415	5050					265												.93	--	--	
B95288.50	08/22/67	5050	2.30		79 F	--	257	--	--	--	--	--	--	--	--	--	--	26	--	0.4	--	
	0200	5050					255											.73	--	--	--	
B95288.50	08/31/67	5050	*1.0		74 F	--	321	--	--	--	--	--	--	--	--	--	--	26	--	0.3	--	
	0900	5050					282											.73	--	--	--	
B95288.50	09/07/67	5050	1.20		77 F	7.5	374	19	9.1	37	1.8	0.0	85	27	47	1.6	--	0.4	--	206	85	
	1130	5050					325	*95	*75	1.61	*0.05	1.39	*56	1.33	*0.3						185	16
B95288.50	09/13/67	5050			74 F	--	486	--	--	22	48	1	42	17	40	1	--	1.95	--	1.0	--	
	1250	5050					470															
B95288.50	09/20/67	5050	1.50		75 F	--	529	--	--	--	--	--	--	--	--	--	78	--	--	1.1	--	
	1050	5050					500											2.20	--	--	--	
B95288.50	09/26/67	5050	2.00		75 F	--	502	--	--	--	--	--	--	--	--	--	73	--	--	1.0	--	
	1225	5050					500										2.06	--	--	--		
B95288.50	09/29/67	5050	*2.0		73 F	--	571	--	--	--	--	--	--	--	--	--	0.9	--	--	--		
	0925	5050					500															

MINERAL ANALYSES OF SURFACE WATER

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	LAH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER										
								SAT	FLD	LAH	LAB	CA	Mg	NA	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	SiO ₂	TOS
B95618.00	10/10/66	5050	•90	5.3	73	7.8	650	--	--	79	--	0.0	150	2.46	--	101	2.85	--	0.3	--	--	--	137	14.
	12:30	5050		61	7.3	7.3	660			3.44														
B95618.00	11/02/66	5050	•94	6.3	64	7.8	733	--	--	84	--	0.0	158	2.59	--	117	3.30	--	0.3	--	--	--	150	21
	1345	5050		66	7.3	7.3	750			3.65														
B95618.00	12/05/66	5050	3.37	7.9	54	8.1	699	--	--	76	--	0.0	123	2.02	--	109	3.07	--	0.2	--	--	--	151	50
	1130	5050		73	7.5	7.5	750			3.31														
B95618.00	01/11/67	5050	2.53	8.9	47	7.1	680	--	--	65	--	0.0	82	1.34	--	102	2.88	--	0.2	--	--	--	172	105
	1515	5050		76	6.9	6.9				2.83														
B95618.00	02/07/67	5050	3.87	8.9	49	7.5	301	--	--	28	--	0.0	73	1.20	--	33	.93	--	0.0	--	--	--	80	20
	1430	5050		78	8.1	8.1	330			1.22														
B95618.00	03/27/67	5050	3.83	8.3	59	7.8	297	--	--	28	--	0.0	66	1.08	--	33	.93	--	0.2	--	--	--	74	20
	1345	5050		82	7.3	7.3	320			1.22														
B95618.00	04/17/67	5050	•97	9.5	56	7.4	183	--	--	15	--	0.0	53	.87	--	18	.51	--	0.0	--	--	--	56	13
	1445	5050		91	7.3	7.3	195			.65														
B95618.00	05/23/67	5050	3.64	6.6	75	7.9	182	--	--	14	--	0.0	54	.89	--	17	.48	--	0.1	--	--	--	50	6
	1330	5050		78	7.3	7.3	190			.61														
B95618.00	06/22/67	5050	3.02	6.9	70	6.7	140	--	--	12	--	0.0	38	.62	--	14	.39	--	0.1	--	--	--	34	3
	1345	5050		77	7.1	160			.52															
B95618.00	08/24/67	5050	5.9	80	70	8.1	445	--	--	48	--	0.0	95	1.56	--	65	1.83	--	0.1	--	--	--	102	24
	1030	5050		73	7.3	420				2.09														
B95618.00	09/12/67	5050	5.1	78	7.8	7.9	604	--	--	64	--	0.0	130	2.13	--	85	2.40	--	0.3	--	--	--	135	29
	1330	5050		62	7.3					2.78														

TABLE U-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	SAT	PH	EC	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER											
									LAB	LAB	FLD	CA	MG	NA	K	C03	HCO3	S04	CL	N03	F	8	\$102	TDS	TM	SUM
789571500																										
B95715.00	10/19/66	5050	0845	5050			13.5	60	F	8.2	902	--	105	--	0.0	173	--	151	--	0.3	--	--	--	192	50	
B95715.00	11/02/66	5050			4.85	12.1	64	F	7.6	885	--	100	--	0.0	154	--	153	--	0.3	--	--	--	179	53		
B95715.00	12/05/66	5050			6.65	10.8	54	F	8.2	857	--	97	--	0.0	146	--	138	--	0.4	--	--	--	181	62		
B95715.00	01/11/67	5050			4.00	11.1	47	F	7.3	755	--	79	--	0.0	122	--	107	--	0.4	--	--	--	176	76		
B95715.00	02/07/67	5050			6.05	10.2	48	F	7.5	368	--	38	--	0.0	76	--	41	--	0.3	--	--	--	83	21		
B95715.00	03/09/67	5050			4.50	10.6	55	F	7.7	738	--	90	--	0.0	120	--	107	--	0.3	--	--	--	159	61		
B95715.00	04/17/67	5050			8.20	9.4	57	F	7.4	201	--	17	--	0.0	61	--	19	--	0.1	--	--	--	60	10		
B95715.00	05/23/67	5050			8.90	6.6	75	F	7.3	172	--	12	--	0.0	57	--	14	--	0.1	--	--	--	49	3		
B95715.00	06/22/67	5050			9.90	7.7	70	F	7.6	124	--	10	--	0.0	33	--	12	--	0.1	--	--	--	30	3		
B95715.00	08/24/67	5050			4.40	7.9	84	F	8.1	740	--	86	--	0.0	151	--	112	--	0.3	--	--	--	160	36		
B95715.00	09/12/67	5050			8.0	75	F	7.9	712	--	79	--	0.0	147	--	105	--	0.2	--	--	--	158	38			

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER				PH				EC				MINERAL CONSTITUENTS IN SAN JOAQUIN R AT MOSSDALE BR				MILLIEQUIVALENT PER LITER				MILLIGRAMS PER LITER			
DATE	LAB	G.H.	DO	TEMP	LAB	LAB	FLD	CA	MG	NA	K	CO3	HC03	S04	CL	N03	F	B	S102	TDS	TH	SUM	NCH
TIME	SAMPLER	Q	SAT																				
					789582000																		
895820.00 10/19/66	5050 0930	5050	9.8 88	60 F 88	8.2 7.3	749 760	--	--	87 3.78	--	0.0 2.26	138 3.33	--	--	0.2	--	--	--	--	166	53		
895820.00 11/02/66	5050 1130	5050	1.97 12.5	63 F 12.9	7.9 8.1	994 950	--	--	119 5.18	--	0.0 2.61	159 4.71	--	--	0.4	--	--	--	207	77			
895820.00 12/05/66	5050 1400	5050	3.46 9.0	54 F 84	8.2 7.3	726 680	--	--	80 3.48	--	0.0 1.97	120 1.97	--	--	106 2.99	--	--	--	--	154	56		
895820.00 01/11/67	5050 1145	5050	10.6 90	47 F 7.5	7.0 7.5	798 3.70	--	--	85 3.70	--	0.0 2.02	123 3.58	--	--	127 3.58	--	--	0.4	--	--	180	79	
895820.00 02/07/67	5050 1215	5050	10.3 89	46 F 7.3	7.5 350	316 1.44	--	--	33 1.44	--	0.0 1.20	73 .99	--	--	35 .99	--	--	0.3	--	--	77	17	
895820.00 03/09/67	5050 1045	5050	10.0 95	56 F 7.5	7.9 7.30	733 3.70	--	--	85 3.70	--	0.0 1.75	107 1.75	--	--	112 3.16	--	--	0.3	--	--	158	71	
895820.00 04/17/67	5050 1045	5050	9.5 92	57 F 7.3	7.6 220	208 .78	--	--	18 .78	--	0.0 .98	60 .56	--	--	20 .56	--	--	0.1	--	--	58	9	
895820.00 05/23/67	5050 1115	5050	6.6 76	73 F 7.1	7.0 175	160 .52	--	--	12 .52	--	0.0 .84	51 .37	--	--	13 .37	--	--	0.1	--	--	46	4	
895820.00 06/22/67	5050 1030	5050	7.5 83	69 F 7.1	6.5 125	122 .44	--	--	10 .44	--	0.0 .56	34 .34	--	--	12 .34	--	--	0.1	--	--	29	1	
895820.00 07/27/67	5050 1200	5050	7.3 80	68 F 7.3	8.3 460	471 1.96	--	--	45 1.96	--	0.0 1.46	89 1.83	--	--	65 1.83	--	--	0.2	--	--	108	35	

MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	EC	PH	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER									
								LAB	LAB	CA	MG	NA	K	HC03	SO4	CL	NO3	F	B	SIO2	TDS	TH	SUM
TIME SAMPLER Q SAT																							
895820.00	08/24/67	5050	13.6	82	F	8.3	722	--	--	80	--	0.0	132	--	--	--	--	0.2	--	--	--	157	
	1300	5050	171			8.4	700			3.48		2.16										49	
895820.00	09/12/67	5050	9.5	75	F	8.1	702	--	--	78	--	0.0	148	--	--	104	--	--	0.2	--	--	161	
	1000	5050	112			8.1				3.39		2.43										40	
789582000 SAN JOAQUIN R AT MOSSDALE OR (CONT.)																							

TABLE 0-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER									
								LAB	FLD	CA	Mg	Na	K	C03	HC03	S04	CL	N03	F	B	S102	TOS	TH
895925.00	03/09/67	1215	5050			10.4 98	55 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
895925.00	04/04/67	1120	5050			9.7 90	54 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
895925.00	05/02/67	1010	5050			7.6 72	61 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
895925.00	05/23/67	0945	5050				72 F	--	7.1	195	--	--	--	--	--	--	--	--	--	--	--	--	--
895925.00	06/07/67	1045	5050			7.1 76	66 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
895925.00	06/19/67	1135	5050				72 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
895925.00	07/05/67	1315	5050			7.5 89	76 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
895925.00	08/01/67	1340	5050			8.1 99	79 F	--	7.3	180	--	--	--	--	--	--	--	--	--	--	--	--	--
895925.00	09/12/67	1150	5050			9.2 107	74 F	--	7.7	600	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE U-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER						MILLIGRAMS PER LITER									
								LAB	FLD	CA	MG	NA	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	θ	SiO ₂	TDS	TH
TIME	SAMPLEH	Q	SAT					SUSAN RIVER AT SUSANVILLE (170)														NCH	
641600.00	10/06/66	5050	.80	9.9	49 F	8.1	191	18	9.9	6.7	2.1	0.0	122	--	0.6	--	--	0.0	--	--	--	86	
	0730	5050	3.2	100		7.8		.90	.81	.29	.05	2.00		1		.02							0
641600.00	11/08/66	5050	1.12	10.6	41 F	7.3	175	17	9.1	6.2	2.1	0.0	111	--	0.7	--	--	0.0	--	--	--	80	
	1050	5050	8.5	96		7.8		.85	.75	.27	.05	1.82		1		.02							0
641600.00	12/05/66	5050	2.85	11.6	37 F	7.3	92	9.5	3.7	3.8	1.0	0.0	49	--	0.9	--	--	0.0	--	--	--	38	
	1330	5050	158.0	100		7.3		.47	.30	.17	.03	.80		1		.03							0
641600.00	01/06/67	5050	1.70	12.5	32 F	8.3	158	16	7.7	5.8	1.4	1.0	94	--	1.0	--	--	0.0	--	--	--	72	
	0930	5050	30.0	99		7.4		.80	.63	.25	.04	.03	1.54		1		.03						0
641600.00	02/06/67	5050	2.39	12.3	34 F	7.3	108	12	4.4	4.2	1.0	0.0	62	--	1.0	--	--	0.0	--	--	--	48	
	1330	5050	89.0	101		7.1		.60	.36	.18	.03	1.02		1		.03							0
641600.00	03/07/67	5050	2.32	12.6	35 F	7.5	112	12	4.8	4.5	1.0	0.0	67	--	1.0	--	--	0.0	--	--	--	50	
	0945	5050	81.0	105		7.5		.60	.39	.20	.03	1.10		1		.03							0
641600.00	04/10/67	5050	2.77	11.3	38 F	7.8	103	11	4.3	4.1	0.9	0.0	61	--	0.6	--	--	0.0	--	--	--	45	
	0815	5050	142.0	98		7.3		.55	.35	.18	.02	1.00		1		.02							0
641600.00	05/08/67	5050	3.69	11.5	40 F	7.1	81	8.5	3.1	3.2	0.9	0.0	44		1.0	0.6	--	0.0	--	--	--	34	
	0800	5050	357.0	103		7.2		.42	.25	.14	.02	.72		1		.02	.01					67	0
641600.00	06/05/67	5050	3.44	10.1	48 F	7.1	69	7.1	2.9	2.5	0.6	0.0	38	--	0.2	--	--	0.0	--	--	--	30	
	0800	5050	298.0	101		7.3		.35	.24	.11	.02	.62		1		.01							0
641600.00	07/06/67	5050	2.17	7.4	61.0F	7.7	99	--	--	3.7	--	0.0	59	--	1.2	--	0.1	--	--	--	--	43	
	1230	5050	61.0	87		7.6				.16			.97		.03								0
641600.00	08/09/67	5050	2.60	6.0	70 F	7.7	70	--	--	3.2	--	0.0	36	--	1.3	--	0.0	--	--	--	--	28	
	1230	5050	112.0	78		7.7				.14			.59		.04								0
641600.00	09/07/67	5050	1.13	58.0F	8.2	171	16	8.3	6.0	2.3	0.0	104		1		.04						129	
	0800	5050	7.8	101		7.8		.80	.68	.26	.06	1.71		1		.01							74

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER										MILLIGRAMS PER LITER										
							SAT	Q	FLD	FLD	CA	Mg	NA	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	SiO ₂	TDS	TH	TDS	TH	VCH
671195.00	10/03/66	5050	2.33	9.3	5.3	F	8.2	7.5	111	10	4.4	6.6	2.0	0.0	59	4.1	3.9	0.1	--	0.0	--	60	43	60	0	0	
	0845	5050									.50	.36	.29	.05	.97	.09	.83	.11	.8	.9			60	0			
671195.00	11/22/66	5050	2.30	11.5	3.7	F	7.4	106	10	2.7	7.2	1.8	0.0	50	7.2	4.1	0.0	--	0.2	--	48	36	58	0	0		
	1415	5050								.50	.22	.31	.05	.82	.15	.75	.12	.14	.11			58	0				
671195.00	12/12/66	5050	3.05	12.4	3.7	F	7.6	112	11	2.6	6.6	1.7	0.0	52	4.6	5.1	0.2	--	0.1	--	78	38	57	0	0		
	1045	5050								.55	.21	.29	.04	.85	.10	.78	.14	.10	.13			57	0				
671195.00	01/27/67	5050	2.27	12.2	3.4	F	8.0	7.3	110	13	1.8	5.8	1.5	0.0	53	1.5	4.2	0.8	--	0.0	--	--	40	40	55	0	0
	1430	5050								.65	.15	.25	.04	.87	.03	.84	.12	.12	.01			55	0				
671195.00	02/21/67	5050	2.39	13.2	3.3	F	7.4	109	12	2.4	5.8	1.7	0.0	52	5.1	4.4	0.6	--	0.0	--	76	40	57	0	0		
	1045	5050								.60	.20	.25	.04	.85	.11	.78	.12	.10	.11			57	0				
671195.00	03/22/67	5050	4.39	11.2	3.9	F	7.6	83	9.2	1.7	4.0	1.7	0.0	38	5.6	3.8	0.6	--	0.0	--	59	30	45	0	0		
	1215	5050								.46	.14	.17	.04	.62	.12	.72	.14	.13	.1			45	0				
671195.00	04/11/67	5050	2.54	11.0	4.0	F	7.8	107	11	2.3	5.9	0.9	0.0	48	4.9	5.8	1.0	--	0.1	--	93	37	55	0	0		
	1130	5050								.55	.19	.26	.02	.79	.10	.81	.16	.15	.2			55	0				
671195.00	05/18/67	5050	6.82	10.8	4.4	F	7.5	76	3.4	4.2	4.0	2.1	0.0	38	4.0	2.1	0.7	--	0.0	--	62	26	39	0	0		
	0930	5050								.17	.35	.17	.05	.62	.08	.81	.10	.8	.1			39	0				
671195.00	06/26/67	5050	6.72	9.2	5.4	F	7.3	63	6.4	1.7	3.2	0.8	0.0	33	0.8	0.8	0.4	--	0.0	--	48	23	30	0	0		
	1030	5050								.32	.14	.14	.02	.54	.02	.92	.02	.02	.01			30	0				
671195.00	07/10/67	5050	5.32	8.2	6.1	F	8.0	80	8.3	1.8	4.2	1.3	0.0	42	1.2	0.8	0.7	--	0.0	--	58	28	39	0	0		
	1215	5050								.41	.15	.18	.03	.69	.02	.93	.02	.02	.01			39	0				

TABLE U-2
MINERAL ANALYSES OF SURFACE WATER

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

MINEKAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	TIME	LAH	G.H.	UO	TEMP	SAT	EC	MINERAL CONSTITUENTS IN						MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER					
									LAI	LAH	FLD	CA	Mg	NA	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	SiO ₂	TOS	TH	VCH
671600.00	11/22/66	1335	5050	5050	10.8	49	F	7.9	99	--	--	5.9	--	0.0	50	--	2.8	--	--	0.0	--	--	--	35	0	
671600.00	01/25/67	1315	5050	5050	11.4	33	F	7.6	100	--	--	12	--	0.0	49	--	4.5	--	--	0.0	--	--	--	40	0	
671600.00	03/22/67	1145	5050	5050	10.9	42	F	7.7	96	--	--	4.8	--	0.0	40	--	4.0	--	--	0.1	--	--	--	34	1	
671600.00	05/18/67	0800	5050	5050	10.3	42	F	7.5	110	--	--	21	--	0.0	40	--	4.6	--	--	0.1	--	--	--	28	0	
671600.00	07/10/67	1130	5050	5050	9.0	63	F	8.0	87	--	--	5.6	--	0.0	47	--	1.8	--	--	0.0	--	--	--	27	0	

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	PH	EC	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER							
								LAB	FLD	CA	Mg	NA	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	SiO ₂
TIME	SAMPLER	Q	SAT																		NCH
671710.00	11/22/66	5050	9.4	44 F	7.8	9.3	--	5.9	--	0.0	51	--	2.4	--	0.0	--	--	--	--	32	
	1240	5050	96		7.5			.26			.84		.07							0	
671710.00	01/25/67	5050	11.0	33 F	8.0	91	--	6.2	--	0.0	51	--	2.1	--	0.0	--	--	--	--	34	
	1200	5050	95		7.5	120		.27			.84		.06							0	
671710.00	03/22/67	5050	10.7	43 F	8.1	96	--	6.2	--	0.0	53	--	2.0	--	0.1	--	--	--	--	32	
	1040	5050	108		7.5	105		.27			.87		.06							0	
671710.00	05/18/67	5050	9.9	45 F	7.8	96	--	5.5	--	0.0	51	--	1.7	--	0.0	--	--	--	--	31	
	0845	5050	103		7.5	100		.24			.84		.05							0	
671710.00	07/10/67	5050	8.0	64 F	7.9	93	--	6.0	--	0.0	49	--	2.0	--	0.0	--	--	--	--	30	
	1030	5050	105		7.5	95		.26			.80		.06							0	
671710.00	09/14/67	5050	7.5	61 F	8.0	93	--	6.2	--	0.0	52	--	2.0	--	0.0	--	--	--	--	35	
	0800	5050	95		7.3			.27			.85		.06							0	

MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER DATE	LAB SAMPLER	G.H. Q	DO SAT	TEMP FLD	PH FLD	EC LAB	MINERAL CONSTITUENTS IN PERCENT EQUIVALENT PER LITER				MILLIGRAMS PER LITER				TDS SUM	TH NCH
							CA	Mg	NA	K	CO ₃	HCO ₃	SO ₄	NO ₃	F	B
682300.00 11/23/65	5050 0905	1.20 1.00	11.7 33	F 7.1	7.8 35	--	4.2 .18	--	0.0 .71	4.3 •71	--	1.5 •04	--	0.0	--	--
682300.00 01/26/67	5050 0910	1.41 1.03	11.7 35	F 7.3	7.2 80	--	4.3 .19	--	0.0 .66	4.0 •66	--	1.2 •03	--	0.0	--	--
682300.00 03/23/67	5050 1000	2.16 99	11.3 35	F 7.3	7.9 70	--	2.6 .11	--	0.0 .11	32 .52	--	1.0 •03	--	0.1	--	--
682300.00 07/11/67	5050 0845	2.42 1.03	2.3 50	F 7.1	4.4 50	--	1.7 .07	--	0.0 .07	24 .39	--	0.6 •02	--	0.0	--	--
682300.00 09/13/67	5050 0800	1.25 1.01	9.2 50	F 7.3	7.0 7.3	--	2.8 .12	--	0.0 .12	37 .61	--	0.8 •02	--	0.0	--	--

TABLE D-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAH	G.H.	DO	TEMP	LAB	LAH	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER									
									FLD	FLD	CA	Mg	Na	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	S	SI02	TDS	TH
CARSON R., EAST FK NR MARKLEEVILLE																								
683420.20	11/23/66	5050	101	33 F	7.7	161	--	--	11	--	0.0	73	--	--	5.1	--	--	0.3	--	--	--	--	60	0
	0930	5050				7.5	155		.48															
683420.20	01/26/67	5050	100	34 F	7.9	168	--	--	19	--	0.0	77	--	--	4.6	--	--	0.1	--	--	--	--	65	2
	1000	5050				7.5	180		.83															
683420.20	03/23/67	5050	1030	39 F	8.2	160	--	--	7.9	--	0.0	74	--	--	2.9	--	--	0.2	--	--	--	--	57	0
		5050				7.7	165		.34															
683420.20	07/11/67	5050	106	52 F	7.6	50	--	--	2.8	--	0.0	27	--	--	0.8	--	--	0.0	--	--	--	--	17	0
	1030	5050				7.1	50		.12															
683420.20	09/13/67	5050	108	51 F	8.0	105	--	--	5.9	--	0.0	55	--	--	1.7	--	--	0.1	--	--	--	--	39	0
	JR45	5050				8.1			.26															

INTERLABORATORY ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	U.D.	TEMP	PH	EC	MINERAL CONSTITUENTS IN						MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER					
								LAB	FLD	LAH	CA	MG	NA	K	CO ₃	HCO ₃	SU ₄	CL	NO ₃	F	B	SiO ₂	TOS	TH	NCH
692400.00	1.46	11.5	34	F	7.9	143	--	--	12	--	0.0	73	--	2.9	--	--	0.1	--	--	--	--	--	47		
11/23/66	1055	5050	103		7.3	140			.52															0	
692400.00	1.82	11.7	35	F	7.6	104	--	--	8.2	--	0.0	54	--	2.7	--	--	0.0	--	--	--			38		
01/26/67	1145	5050	107		7.3	72			.36															0	
692400.00	2.10	10.1	40	F	8.0	106	--	--	5.3	--	0.0	57	--	1.5	--	--	0.1	--	--	--			40		
03/23/67	1210	5050	109		7.5	120			.23															0	
692400.00	3.90	9.6	51	F	8.1	57	--	--	1.5	--	0.0	31	--	0.8	--	--	0.0	--	--	--			22		
07/11/67	1045	5050	111		7.1	50			.07															0	
692400.00	9.6	51	F		7.6	79	--	--	4.0	--	0.0	42	--	1.1	--	--	0.0	--	--	--			30		
09/13/67	1000	5050	111		7.3				.17															0	

TABLE 0-2
MINERAL ANALYSES OF SURFACE WATER

STATION NUMBER	DATE	LAB	G.H.	DO	TEMP	LAB	EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENT PER LITER						MILLIGRAMS PER LITER										
								PH	LAB	FLD	CA	Mg	NA	K	C03	HCO3	SO4	CL	NO3	F	B	SiO2	TDS	TH
TIME	SAMPLER	Q	SAT																					
693200.00	•34	10.5	44 F	8.0	237	--	--	14	--	0.0	120	--	--	0.1	--	--	--	--	--	--	--	92		
11/23/66	5050	109		7.9	225			.61		1.97													0	
1150	5050																						102	
693200.00	•17	10.0	46 F	7.5	253	--	--	17	--	0.0	128	--	--	0.1	--	--	--	--	--					
01/26/67	5050	106		7.5	275			.74		2.10													0	
1330	5050																							
693200.00	2.22	10.0	44 F	8.1	218	--	--	17	--	0.0	104	--	--	0.2	--	--	--	--	--			69		
03/23/67	5050	103		8.1	240			.74		1.71													0	
1255	5050																							
693200.00	3.47	7.6	61 F	7.6	97	--	--	5.4	--	0.0	46	--	--	0.0	--	--	--	--				32		
07/11/67	5050	98		8.1	110			.23		.75													0	
1200	5050																							
693200.00	7.1	65 F	8.2	152	--			8.5	--	0.0	77	--	--	0.1	--	--	--	--	--			56		
09/13/67	5050	96		8.5	.37			.37		1.26													0	
1130	5050																							

Table D-3

TRACE ELEMENT ANALYSES OF SURFACE WATER

An explanation of column headings and codes follows:

Headings

AL - Aluminum
AS - Arsenic
BE - Beryllium
BI - Bismuth
BR - Bromide
CD - Cadmium
CO - Cobalt
CR - Chromium
CU - Copper
FE - Iron
GA - Gallium
GE - Germanium
LI - Lithium
MN - Manganese
MO - Molybdenum
NI - Nickel
PB - Lead
TI - Titanium
V - Vanadium
ZN - Zinc

Codes Under Column U (Units)

M - Milligrams per liter
U - Micrograms per liter

Codes Under Column R (Remarks)

A - Approximate value
W - Greater than value shown
Y - Less than value shown

TABLE D-3

TRACE ELEMENT ANALYSES OF SURFACE WATER

STATION No.	DATE	LAID	Al.	As	Ba	Ca	Co	Cu	Ck	Cu	Fe	Ga	Ge
		L.L.	UR	M.Y.	UR	UR	UR	UR	UR	UR	UR	UR	UR
A02420.00	05-15-67	5000	--	0.00M	--	--	--	--	--	--	--	--	--
A02430.02	05-17-67	5000	--	0.00M	--	--	--	--	--	--	--	--	--
A02500.00	05-15-67	5000	--	0.00M	--	--	--	--	--	--	--	--	--
A02630.00	05-16-67	5000	--	0.00M	--	--	--	--	--	--	--	--	--
A02785.00	05-04-67	5000	--	0.00M	--	--	--	--	--	--	--	--	--
A02947.10	05-17-67	5000	--	0.00M	--	--	--	--	--	--	--	--	--
A02976.00	05-17-67	5000	--	0.00M	--	--	--	--	--	--	--	--	--
A03270.00	05-05-67	5000	--	0.00M	--	--	--	--	--	--	--	--	--
A03320.00	05-05-67	5000	--	0.00M	--	--	--	--	--	--	--	--	--
A03460.00	05-05-67	5000	--	0.00M	--	--	--	--	--	--	--	--	--
A03520.00	05-04-67	5000	--	0.00M	--	--	--	--	--	--	--	--	--
A03540.00	05-04-67	5000	--	0.00M	--	--	--	--	--	--	--	--	--
A03595.00	05-04-67	5000	--	0.00M	--	--	--	--	--	--	--	--	--
A05103.00	06-19-67	5000	0.026M	0.00M	0.57UY	0.29UY	0.014UY	0.014UY	0.014UY	0.014UY	0.054M	0.057UY	0.029UY
A05165.00	06-19-67	5000	0.025M	--	0.57UY	0.29UY	0.014UY	0.014UY	0.014UY	0.014UY	0.037M	0.057UY	0.029UY
A05191.00	06-19-67	5000	0.097M	0.00M	0.57UY	0.29UY	0.014UY	0.014UY	0.014UY	0.014UY	0.094M	0.057UY	0.029UY
A05710.00	06-19-67	5000	0.0017M	0.00M	0.57UY	0.29UY	0.014UY	0.014UY	0.014UY	0.014UY	0.030M	0.057UY	0.029UY

TABLE D-3

TRACE ELEMENT ANALYSES OF SURFACE WATER

STATION NO.	DATE	LAB	AL LI	AS MN	BE M0	BI NI	BR PB	CU TI	CO V	CR ZN	CU FE	GA	GE
A05475.00	06-14-67	5000	0043. ^U	00.00 ^M	00.57 ^U	00.29 ^U	--	001.4 ^U	001.4 ^U	001.4 ^U	001.4 ^U	005.7 ^U	00.29 ^U
A06120.00	06-14-67	5000	0046. ^U	00.00 ^M	00.57 ^U	00.29 ^U	001.4 ^U	002.9 ^U	004.6 ^U	005.7 ^U	001.4 ^U	0039.0	00.29 ^U
A06550.00	06-14-67	5000	0022. ^U	--	--	--	--	001.4 ^U	001.4 ^U	001.4 ^U	001.4 ^U	005.7 ^U	--
A11020.00	05-01-67	5000	--	00.00 ^M	--	--	--	--	--	--	--	--	--
A14400.00	05-01-67	5000	--	00.00 ^M	--	--	--	--	--	--	--	--	--
A21010.00	05-04-67	5000	--	00.00 ^M	--	--	--	--	--	--	--	--	--
A21300.00	05-03-67	5000	--	00.00 ^M	--	--	--	--	--	--	--	--	--
A22150.00	05-03-67	5000	--	00.00 ^M	--	--	--	--	--	--	--	--	--
A31110.00	05-16-67	5000	--	00.00 ^M	--	--	--	--	--	--	--	--	--
A31250.00	05-16-67	5000	--	00.00 ^M	--	--	--	--	--	--	--	--	--
A32120.00	05-05-67	5000	--	00.00 ^M	--	--	--	--	--	--	--	--	--
A33110.00	05-05-67	5000	--	00.00 ^M	--	--	--	--	--	--	--	--	--
A36130.00	05-04-67	5000	--	00.00 ^M	--	--	--	--	--	--	--	--	--
A41110.00	05-16-67	5000	--	00.00 ^M	--	--	--	--	--	--	--	--	--
A42110.00	05-16-67	5000	--	00.00 ^M	--	--	--	--	--	--	--	--	--
A44110.00	05-05-67	5000	--	00.00 ^M	--	--	--	--	--	--	--	--	--
A45110.50	05-07-67	5000	--	00.00 ^M	--	--	--	--	--	--	--	--	--

TABLE D-3

TRACE ELEMENT ANALYSES OF SURFACE WATER

STATION NO.	DATE	LAB	AL Li	AS MN	BE MO	B1 NI	BR PB	CD Ti	CO V	CR ZN	CU	FE	GA	GE
A47110.00	05-04-67	5000	--	UR --	00.00M --	UR --	UR --	UR --	UR --	UR --	UR --	UR --	UR --	UR --
A48110.00	05-04-67	5000	--	0.00M --	0.00M --	0.00M --	0.00M --	0.00M --	0.00M --	0.00M --	0.00M --	0.00M --	0.00M --	0.00M --
A52100.00	06-19-67	5000	0.033.U	0.00M 0.024.U	0.057U 0.024.U	0.024U 0.024.U	0.024U 0.024.U	0.024U 0.024.U	0.024U 0.024.U	0.014U 0.014U	0.014U 0.014U	0.014U 0.014U	0.014U 0.014U	0.014U 0.014U
A53140.10	06-19-67	5000	0.027.U	0.00M 0.028.U	0.057U 0.028.U	0.028U 0.028.U	0.028U 0.028.U	0.028U 0.028.U	0.028U 0.028.U	0.014U 0.014U	0.014U 0.014U	0.014U 0.014U	0.014U 0.014U	0.014U 0.014U
A55100.00	06-19-67	5000	0.037.U	0.00M 0.029.U	0.057U 0.029.U	0.029U 0.029.U	0.029U 0.029.U	0.029U 0.029.U	0.029U 0.029.U	0.014U 0.014U	0.014U 0.014U	0.014U 0.014U	0.014U 0.014U	0.014U 0.014U
A56080.10	06-19-67	5000	0.013.U	0.00M 0.031.U	0.057U 0.027U	0.027U 0.027U	0.027U 0.027U	0.027U 0.027U	0.027U 0.027U	0.014U 0.014U	0.014U 0.014U	0.014U 0.014U	0.014U 0.014U	0.014U 0.014U
A63301.00	09-20-67	5000	0.014.U	-- 0.014U	0.06U 0.003U	0.003U 0.0074U	0.003U 0.0074U	0.003U 0.0074U	0.003U 0.0074U	0.014U 0.014U	0.014U 0.014U	0.014U 0.014U	0.024U 0.024U	0.003U 0.003U
A63310.00	09-20-67	5000	0.0031U	-- 0.014U	0.06U 0.003U	0.003U 0.0011U	0.003U 0.0011U	0.003U 0.0011U	0.003U 0.0011U	0.014U 0.014U	0.014U 0.014U	0.014U 0.014U	0.034U 0.034U	0.003U 0.003U
891650.20	08-01-67	4500	--	-- 0.025M	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
891840.00	-02-28-67	5000	--	0.01M --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --
641600.00	05-08-67	5000	--	0.00M --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --

Table D-4
MISCELLANEOUS CONSTITUENTS OF SURFACE WATER

An explanation of the column headings and codes follows:

Headings

COL - Coliform (two values)
DET - Detergents
NH4 - Ammonium (as nitrogen)
NO - Organic nitrogen
NO2 - Nitrite (as nitrogen)
NO3 - Nitrate (as nitrogen)
P - Phosphate (unspecified)
PO6 - Phosphate (ortho)
POT - Phosphate (organic and total)
TRB - Turbidity

Codes Under Column U (Units)

A - Hach units (turbidity)
E - Hellige units (turbidity)
J - Jackson candle units (turbidity)
M - Milligrams per liter
U - Micrograms per liter

Codes Under Column R (Remarks)

M - Most probable number
N - Present in sample but not
analyzed quantitatively
W - Greater than value indicated
Y - Less than value indicated

STATION NO.	DATE	LAT.	COL.	C. -	DET	NUTRIENTS						
						NH4	NO2	NO3	NO	P06	P	POT
			UR	UR	UR	UR	UR	UR	UR	UR	UR	UR
A02154.10	03-07-67	5050	--	--	--	0.001M	--	0.003M	0.030M	0.007M	--	0.020M
A02154.10	04-04-67	5050	--	--	--	0.002M	--	0.002M	0.005M	0.016M	--	0.035M
A02154.10	05-02-67	5050	--	--	--	0.000M	--	0.001M	0.002M	0.011M	--	0.026M
A02154.10	06-07-67	5050	--	--	--	0.000M	--	0.001M	0.003M	0.020M	--	0.043M
A02154.10	07-05-67	5050	--	--	--	0.001M	--	0.001M	0.002M	0.023M	--	0.063M
A02154.10	08-01-67	5050	--	--	--	0.002M	--	0.001M	0.002M	0.010M	--	0.023M
A02154.10	09-12-67	5050	--	--	--	0.004M	--	0.001M	0.005M	0.024M	--	0.034M
A02195.01	07-12-67	5050	--	--	0020-E	--	--	--	--	--	--	--
A02195.01	08-11-67	5050	--	--	0020-E	--	--	--	--	--	--	--
A02420.00	10-05-66	5000	000.5	M	006.2	M	0004.M	--	--	--	--	--
A02420.00	11-03-66	5000	00.23	M	00.62	M	0003.M	--	--	--	--	--
A02420.00	12-14-66	5000	0062.	M	0620.	M	0065.M	--	--	--	--	--
A02420.00	01-09-67	5000	0062.	M	0230.	M	0010.M	--	--	--	--	--
A02420.00	02-20-67	5000	0023.	M	0062.	M	0035.M	--	--	--	--	--
A02420.00	03-14-67	5000	0062.	M	0230.	M	0025.M	--	--	--	--	--
A02420.00	04-11-67	5000	0062.	M	0230.	M	0025.M	--	--	--	--	--
A02420.00	05-16-67	5000	0062.	M	0035.M	M	0000.M	--	--	--	--	00.09M

TABLE D-4
MISCELLANEOUS CONSTITUENTS OF SURFACE WATER

STATION NO.	DATE	LAB	COL	TRB	DET	NUTRIENTS			POT	P
						NH4	NO2	NO3		
A02420.00	06-06-67	5000	0023.	UR	UR	0.010-N	--	--	--	--
A02420.00	07-11-67	5050	--	--	--	0.009-E	--	--	--	--
A02420.00	08-10-67	5050	--	--	--	0.004-E	--	--	--	--
A02430.02	10-05-66	5000	--	--	--	0.005-N	--	--	--	--
A02430.02	11-03-66	5000	--	--	--	0.004-N	--	--	--	--
A02430.02	12-14-66	5000	--	--	--	0.050-N	--	--	--	--
A02430.02	01-10-67	5000	--	--	--	0.010-N	--	--	--	--
A02430.02	02-20-67	5000	--	--	--	0.050-N	--	--	--	--
A02430.02	03-14-67	5000	--	--	--	0.035-N	--	--	--	--
A02430.02	04-11-67	5000	--	--	--	0.035-N	--	--	--	--
A02430.02	05-17-67	5000	--	--	--	0.030-N	0.000-N	--	--	--
A02430.02	06-07-67	5000	--	--	--	0.015-N	--	--	--	--
A02430.02	07-12-67	5050	--	--	--	0.020-E	--	--	--	--
A02430.02	08-11-67	5050	--	--	--	0.010-E	--	--	--	--
A02500.00	10-05-66	5000	--	--	--	0.002-N	--	--	--	--
A02500.00	11-03-66	5000	--	--	--	0.003-N	--	--	--	--
A02500.00	12-14-66	5000	--	--	--	0.050-N	--	--	--	--

STATION NO.	DATE	LAND	COL	DET	TRB	NUTRIENTS						POT
						NH4	NO2	NO3	NO	POT6	P	
A02500.00	01-09-67	5000	--	--	--	0005.M	--	--	--	--	--	--
A02500.00	02-20-67	5000	--	--	--	0020.M	--	--	--	--	--	--
A02500.00	03-14-67	5000	--	--	--	0015.M	--	--	--	--	--	--
A02500.00	04-10-67	5000	--	--	--	0025.M	--	--	--	--	--	--
A02500.00	05-16-67	5000	--	--	--	0025.M	000.00M	--	--	--	--	--
A02500.00	06-06-67	5000	--	--	--	0010.M	--	--	--	--	--	--
A02500.00	07-11-67	5050	--	--	--	0004.E	--	--	--	--	--	--
A02500.00	08-10-67	5050	--	--	--	0004.E	--	--	--	--	--	--
A02630.00	10-05-66	5000	006.2	M	0023.	M	0002.M	--	--	--	--	--
A02630.00	11-03-66	5000	0023.	M	0062.	M	0002.M	--	--	--	--	--
A02630.00	12-05-66	5000	0230.	M	0620.	M	0250.M	--	--	--	--	--
A02630.00	01-09-67	5000	0062.	M	0062.	M	0005.M	--	--	--	--	--
A02630.00	02-20-67	5000	0023.	M	--	M	0010.M	--	--	--	--	--
A02630.00	03-14-67	5000	0620.	M	0620.	M	0015.M	--	--	--	--	--
A02630.00	04-10-67	5000	0023.	M	0230.	M	0020.M	--	--	--	--	--
A02630.00	05-16-67	5000	0062.	M	0230.	M	0025.M	000.00M	--	--	--	--
A02630.00	06-06-67	5000	0050.	M	0620.	M	0005.M	--	--	--	--	--

TABLE D-4

MISCELLANEOUS CONSTITUENTS OF SURFACE WATER

STATION NO.	DATE	LAB	COL	DET	NUTRIENTS						P	POT
					NH4	NO2	NO3	NO	P06	UR		
A02630.00	07-11-67	5050	--	--	0002-E	--	--	--	--	--	--	--
A02630.00	08-10-67	5050	--	--	0001-E	--	--	--	--	--	--	--
A02785.00	10-04-66	5000	0062*	M	0230*	M	0001-M	--	--	--	00.17M	--
A02785.00	11-02-66	5000	0620*	M	1300*	M	0010-M	--	--	--	00.12M	--
A02785.00	12-06-66	5000	0062*	M	--	0075-M	--	--	--	--	00.22M	--
A02785.00	01-04-67	5000	0230*	M	2400*	M	0005-M	--	--	--	00.16M	--
A02785.00	02-17-67	5000	0050*	M	0230*	M	0005-M	--	--	--	00.09M	--
A02785.00	03-06-67	5000	0023*	M	0062*	M	0005-M	--	--	--	00.07M	--
A02785.00	04-06-67	5000	2400*	M	7000*	M	0010-M	--	--	--	00.07M	--
A02785.00	05-04-67	5000	0062*	M	0230*	M	0005-M	0000-CM	--	--	00.07M	--
A02785.00	05-31-67	5000	006.2	M	0062*	M	0004-M	--	--	--	00.08M	--
A02785.00	07-05-67	5050	--	--	--	0004-E	--	--	--	--	--	--
A02785.00	08-04-67	5050	--	--	--	0002-E	--	--	--	--	00.04M	--
A02925.00	10-05-66	5000	--	--	--	0030-M	--	--	--	--	--	--
A02925.00	11-03-66	5000	--	--	--	0025-M	--	--	--	--	--	--
A02925.00	01-10-67	5000	--	--	--	0040-M	--	--	--	--	--	--
A02925.00	07-12-67	5050	--	--	--	0070-E	--	--	--	--	--	--

STATION NO.	DATE	LAB	COL	TRB	DET	NUTRIENTS						
						NH4	NO2	NO3	NO	P06	P	POT
A02925.00	08-11-67	5050	--	--	0040-E	--	--	--	--	--	--	--
A02947.10	03-14-67	5000	--	--	0050-M	--	--	--	--	--	--	--
A02947.10	04-11-67	5000	--	--	0040-M	--	--	--	--	--	--	--
A02947.10	05-17-67	5000	--	--	0015-M	000.00	--	--	--	--	--	--
A02947.10	06-07-67	5000	--	--	0045-M	--	--	--	--	--	--	--
A02976.00	10-05-66	5000	--	--	0040-M	--	--	--	--	--	--	--
A02976.00	11-03-66	5000	--	--	0050-M	--	--	--	--	--	--	--
A02976.00	12-14-66	5000	--	--	0105-M	--	--	--	--	--	--	--
A02976.00	01-09-67	5000	--	--	0040-M	--	--	--	--	--	--	--
A02976.00	02-20-67	5000	--	--	0030-M	--	--	--	--	--	--	--
A02976.00	03-14-67	5000	--	--	0065-M	--	--	--	--	--	--	--
A02976.00	04-11-67	5000	--	--	0050-M	--	--	--	--	--	--	--
A02976.00	05-17-67	5000	--	--	0065-M	00.00	--	--	--	--	--	--
A02976.00	06-07-67	5000	--	--	0040-M	--	--	--	--	--	--	--
A03220.00	05-05-67	5000	--	--	0150-M	000.00	--	--	--	--	--	--
A03320.00	11-21-66	5000	--	--	0200-M	--	--	--	--	--	--	--
A03320.00	01-03-67	5000	--	--	0001-M	--	--	--	--	--	--	--

TABLE 0-4

MISCELLANEOUS CONSTITUENTS OF SURFACE WATER

STATION NO.	DATE	LAB	COL	TRB	DET	NUTRIENTS						
						NH4	NO2	NO3	NO	P06	P	POT
A03320.00	03-07-67	5000	--	--	--	0001.M	--	--	--	--	--	--
A03320.00	05-05-67	5000	--	--	--	0010.M	000.0M	--	--	--	00.04M	--
A03320.00	07-06-67	5050	--	--	--	0001.E	--	--	--	--	--	--
A03460.00	-21-66	5000	--	--	--	0325.M	--	--	--	--	--	--
A03460.00	01-09-67	5000	--	--	--	0001.M	--	--	--	--	--	--
A03460.00	03-14-67	5000	--	--	--	0001.M	--	--	--	--	--	--
A03460.00	05-05-67	5000	--	--	--	0002.M	000.0M	--	--	--	00.06M	--
A03460.00	07-06-67	5050	--	--	--	0003.M	--	--	--	--	--	--
A03520.00	10-04-66	5000	--	--	--	0001.M	--	--	--	--	--	--
A03520.00	11-02-66	5000	--	--	--	0005.M	--	--	--	--	--	--
A03520.00	12-06-66	5000	--	--	--	0325.M	--	--	--	--	--	--
A03520.00	01-03-67	5000	--	--	--	0025.M	--	--	--	--	--	--
A03520.00	02-17-67	5000	--	--	--	0015.M	--	--	--	--	--	--
A03520.00	03-06-67	5000	--	--	--	0003.M	--	--	--	--	--	--
A03520.00	04-05-67	5000	--	--	--	0050.M	--	--	--	--	--	--
A03520.00	05-04-67	5000	--	--	--	0005.M	000.0M	--	--	--	00.05M	--
A03520.00	05-31-67	5000	--	--	--	0005.M	--	--	--	--	--	--

TABLE D-4
MISCELLANEOUS CONSTITUENTS OF SURFACE WATER

STATION NO.	DATE	LAT	COL	DET	NUTRIENTS					
					TR8	UR	UR	UR	UR	UR
A03520.00	07-05-67	5050	--	--	0001.E	--	--	--	--	--
A03520.00	08-04-67	5050	--	--	0001.E	--	--	--	--	--
A03540.00	11-02-66	5000	--	--	0002.H	--	--	--	--	--
A03540.00	01-03-67	5000	--	--	0004.H	--	--	--	--	--
A03540.00	03-06-67	5000	--	--	0004.M	--	--	--	--	--
A03540.00	05-04-67	5000	--	--	0010.M	000.0W	--	--	--	00.05W
A03540.00	07-05-67	5050	--	--	0002.E	--	--	--	--	--
A03595.00	11-22-66	5000	--	--	0015.H	--	--	--	--	--
A03595.00	01-03-67	5000	--	--	0001.H	--	--	--	--	--
A03595.00	03-06-67	5000	--	--	0001.M	--	--	--	--	--
A03595.00	05-04-67	5000	--	--	0010.M	000.0W	--	--	--	00.05W
A03595.00	07-05-67	5050	--	--	0002.E	--	--	--	--	--
A04620.00	11-10-66	5000	--	--	0001.H	--	--	--	--	--
A04620.00	01-03-67	5000	--	--	0003.H	--	--	--	--	--
A05103.00	10-18-66	5050	--	--	0002.E	--	--	--	--	--
A05103.00	11-18-66	5050	--	--	0070.E	--	--	--	--	--
A05103.00	12-07-66	5050	--	--	0045.E	--	--	--	--	--

TABLE D-4
MISCELLANEOUS CONSTITUENTS OF SURFACE WATER

STATION NO.	DATE	LAB	COL	TRB	DET	NUTRIENTS						POT
						NH4	NO2	NO3	NO	P06	P	
A05103.00	01-27-67	5050	--	--	0055.E	--	--	--	--	--	--	--
A05103.00	02-10-67	5050	--	--	0070.E	--	--	--	--	--	--	--
A05103.00	03-07-67	5050	--	--	00.00M	--	--	00.26M	00.04M	--	00.17M	--
A05103.00	03-17-67	5050	--	--	0070.E	--	--	--	--	--	--	--
A05103.00	04-04-67	5050	--	--	00.01M	--	--	000.1M	000.4M	00.04M	--	00.24M
A05103.00	04-25-67	5050	--	--	0020.E	--	--	--	--	--	--	--
A05103.00	05-02-67	5050	--	--	00.01M	--	--	000.1M	000.1M	00.04M	--	00.11M
A05103.00	05-11-67	5050	--	--	0015.E	--	--	--	--	--	--	--
A05103.00	06-07-67	5050	--	--	00.00M	--	--	000.1M	000.1M	00.20M	--	00.30M
A05103.00	06-29-67	5050	--	--	0017.E	--	--	--	--	--	--	--
A05103.00	07-05-67	5050	--	--	00.00M	--	--	000.1M	000.1M	00.08M	--	00.79M
A05103.00	07-31-67	5050	--	--	00.00M	--	--	000.1M	000.1M	00.04M	--	00.16M
A05103.00	09-12-67	5050	--	--	00.01M	--	--	000.1M	000.3M	00.04M	--	00.12M
A05120.00	10-14-66	5050	--	--	0004.E	--	--	--	--	--	--	--
A05120.00	11-18-66	5050	--	--	0045.E	--	--	--	--	--	--	--
A05120.00	12-07-66	5050	--	--	0040.E	--	--	--	--	--	--	--
A05120.00	01-12-67	5050	--	--	0005.E	--	--	--	--	--	--	--

TABLE D-4
MISCELLANEOUS CONSTITUENTS OF SURFACE WATER

STATION NO.	DATE	LAB	COL	TRB	DET	NUTRIENTS					
						NH4	NO2	NO3	PO4	P	POT
A05120.00	02-10-67	5050	--	--	0.025.E	--	--	--	--	--	--
A05120.00	03-17-67	5050	--	--	0.090.E	--	--	--	--	--	--
A05120.00	04-25-67	5050	--	--	0.040.E	--	--	--	--	--	--
A05120.00	05-11-67	5050	--	--	0.025.E	--	--	--	--	--	--
A05120.00	06-29-67	5050	--	--	0.015.E	--	--	--	--	--	--
A05165.00	03-07-67	5050	--	--	--	0.000.M	--	0.000.0M	0.026M	0.00.01M	--
A05165.00	04-04-67	5050	--	--	--	0.001M	--	0.000.1M	0.00.2M	0.00.05M	--
A05165.00	05-02-67	5050	--	--	--	0.000M	--	0.000.0M	0.00.2M	0.00.02M	--
A05165.00	06-07-67	5050	--	--	--	0.000M	--	0.000.0M	0.00.1M	0.00.07M	--
A05165.00	07-05-67	5050	--	--	--	0.002M	--	0.000.1M	0.00.1M	0.00.00M	--
A05165.00	07-31-67	5050	--	--	--	0.000M	--	0.000.1M	0.00.2M	0.00.07M	--
A05165.00	09-12-67	5050	--	--	--	0.001M	--	0.000.0M	0.00.2M	0.00.02M	--
A05191.00	10-14-66	5050	--	--	--	0.005.E	--	--	--	--	--
A05191.00	12-07-66	5050	--	--	--	0.020.E	--	--	--	--	--
A05191.00	01-12-67	5050	--	--	--	0.005.E	--	--	--	--	--
A05191.00	03-24-67	5050	--	--	--	0.020.E	--	--	--	--	--
A05191.00	04-25-67	5050	--	--	--	0.005.E	--	--	--	--	--

TABLE D-4

STATION NO.	DATE	LAB	COL	TRB	NUTRIENTS						POT
					NH4	NO2	NO3	NO	P06	P	
A05191.00	05-27-67	5050	--	--	0015.E	--	--	--	--	--	--
A05191.00	06-19-67	5050	--	--	0007.E	--	--	--	--	--	00.09M
A05191.00	09-28-67	5050	--	--	0005.E	--	--	--	--	--	--
A05975.00	09-12-67	5050	--	--	--	00.02M	--	--	00.04M	00.07M	00.19M
A06120.00	11-17-66	5050	--	--	--	0008.E	--	--	--	--	--
A06120.00	01-12-67	5050	--	--	--	0004.E	--	--	--	--	--
A06120.00	03-17-67	5050	--	--	--	0080.E	--	--	--	--	--
A06120.00	05-11-67	5050	--	--	--	0015.E	--	--	--	--	--
A06120.00	07-13-67	5050	--	--	--	0006.E	--	--	--	--	--
A06120.00	09-25-67	5050	--	--	--	000.9E	--	--	--	--	--
A06205.01	02-28-57	5000	--	--	--	0015.M	--	--	--	--	--
A06550.00	10-14-66	5050	--	--	--	0001.E	--	--	--	--	--
A06550.00	11-17-66	5050	--	--	--	0001.E	--	--	--	--	--
A06550.00	12-07-66	5050	--	--	--	0007.E	--	--	--	--	--
A06550.00	01-12-67	5050	--	--	--	0010.E	--	--	--	--	--
A06550.00	02-10-67	5050	--	--	--	0025.E	--	--	--	--	--
A06550.00	03-17-67	5050	--	--	--	0035.E	--	--	--	--	--

STATION NO.	DATE	LAT	COL	DET	TRB	NUTRIENTS						P	POT
						NH4	NO2	NO3	NO	P06	UR		
A06550.00	04-25-67	5050	--	--	--	0010.E	--	--	--	--	--	--	--
A06550.00	05-11-67	5050	--	--	--	0004.E	--	--	--	--	--	--	--
A06550.00	06-29-67	5050	--	--	--	0002.E	--	--	--	--	--	--	--
A06550.00	09-25-67	5050	--	--	--	0002.E	--	--	--	--	--	--	--
A07140.00	10-10-66	5050	--	--	--	0005.E	--	--	--	--	--	--	--
A07140.00	11-04-66	5050	--	--	--	0002.E	--	--	--	--	--	--	--
A07140.00	12-13-66	5050	--	--	--	0006.E	--	--	--	--	--	--	--
A07140.00	01-13-67	5050	--	--	--	0004.E	--	--	--	--	--	--	--
A07140.00	02-09-67	5050	--	--	--	0025.E	--	--	--	--	--	--	--
A07140.00	03-29-67	5050	--	--	--	0015.E	--	--	--	--	--	--	--
A07140.00	04-20-67	5050	--	--	--	0005.E	--	--	--	--	--	--	--
A07140.00	05-01-67	5050	--	--	--	0005.E	--	--	--	--	--	--	--
A07140.00	07-22-67	5050	--	--	--	0002.E	--	--	--	--	--	--	--
A07140.00	08-22-67	5050	--	--	--	0003.E	--	--	--	--	--	--	--
A11020.00	10-03-66	5000	--	--	--	0002.E	--	--	--	--	--	--	--
A11020.00	11-01-66	5000	--	--	--	0001.E	--	--	--	--	--	--	--
A11020.00	12-07-66	5000	--	--	--	0075.E	--	--	--	--	--	--	--

TABLE D-4

MISCELLANEOUS CONSTITUENTS OF SURFACE WATER

STATION NO.	DATE	LAB	COL	DET	NUTRIENTS							
					TR8	NH4	NO2	NO3	NO	P06	P	POT
A11020.00	01-05-67	5000	--	--	0004-N	--	--	--	--	--	--	--
A11020.00	02-15-67	5000	--	--	0015-N	--	--	--	--	--	--	--
A11020.00	03-03-67	5000	--	--	0005-N	--	--	--	--	--	--	--
A11020.00	04-03-67	5000	--	--	0010-N	--	--	--	--	--	--	--
A11020.00	05-01-67	5000	--	--	0005-N	000.0M	--	--	--	--	--	--
A11020.00	06-12-67	5000	--	--	0004-N	--	--	--	--	--	--	--
A11020.00	07-07-67	5050	--	--	0002-E	--	--	--	--	--	--	--
A11020.00	08-03-67	5050	--	--	0001-E	--	--	--	--	--	--	--
A11680.00	10-03-66	5000	--	--	0050-N	--	--	--	--	--	--	--
A11680.00	11-01-66	5000	--	--	0040-N	--	--	--	--	--	--	--
A11680.00	12-07-66	5000	--	--	0065-N	--	--	--	--	--	--	--
A11680.00	01-05-67	5000	--	--	0035-N	--	--	--	--	--	--	--
A11680.00	02-15-67	5000	--	--	0065-N	--	--	--	--	--	--	--
A11680.00	03-08-67	5000	--	--	0035-N	--	--	--	--	--	--	--
A11680.00	04-03-67	5000	--	--	0035-N	--	--	--	--	--	--	--
A11680.00	05-01-67	5000	--	--	0030-N	--	--	--	--	--	--	--
A11680.00	06-12-67	5000	--	--	0025-N	--	--	--	--	--	--	--

TABLE D-4
MISCELLANEOUS CONSTITUENTS OF SURFACE WATER

STATION NO.	DATE	LAT	COL	COL	DET	TRB	NUTRIENTS			POT
							NH4	NO2	NO3	
A11680.00	07-06-67	5050	--	--	0025.E	--	--	--	--	--
A11680.00	08-03-67	5050	--	--	0040.E	--	--	--	--	--
A14400.00	10-03-66	5000	--	--	0005.M	--	--	--	--	--
A14400.00	11-01-66	5000	--	--	0001.M	--	--	--	--	--
A14400.00	12-07-66	5000	--	--	0002.M	--	--	--	--	--
A14400.00	01-05-67	5000	--	--	0003.M	--	--	--	--	--
A14400.00	02-18-67	5000	--	--	0010.M	--	--	--	--	--
A14400.00	03-08-67	5000	--	--	0002.M	--	--	--	--	--
A14400.00	04-03-67	5000	--	--	0010.M	--	--	--	--	--
A14400.00	05-01-67	5000	--	--	0015.M	000.0M	--	--	--	00.17M
A14400.00	06-12-67	5000	--	--	0010.M	--	--	--	--	--
A14400.00	07-06-67	5050	--	--	0007.E	--	--	--	--	--
A14400.00	08-02-67	5050	--	--	0007.E	--	--	--	--	--
A21010.00	10-04-66	5000	006.2	M	0062.	M	0001.M	--	--	--
A21010.00	11-02-66	5000	0062.	M	0230.	M	0001.M	--	--	--
A21010.00	12-06-66	5000	00.62	M	002.3	M	0020.M	--	--	--
A21010.00	01-04-67	5000	000.6	M	001.3	M	0050.M	--	--	--

TABLE D-4

STATION NO.	DATE	LAH	COL	MISCELLANEOUS CONSTITUENTS OF SURFACE WATER			NUTRIENTS					
				TRB	DET	NH4	NO2	NO3	NO	P06	P	POT
A21010.00	02-17-67	50000	00.04	M	00.62	M	0050.M	--	--	--	--	--
A21010.00	03-06-67	50000	00.23	M	00.64	M	0005.M	--	--	--	--	--
A21010.00	04-05-67	50000	00.04	M	00.04	M	0005.M	--	--	--	--	--
A21010.00	05-04-67	50000	00.04	M	002.3	M	0005.M	000.0M	--	--	--	00.08M
A21010.00	05-31-67	50000	0023.	M	0023.	M	0004.M	--	--	--	--	--
A21010.00	07-05-67	5050	--	--	--	0004.E	--	--	--	--	--	--
A21010.00	08-04-67	5050	--	--	--	0001.E	--	--	--	--	--	--
A21300.00	10-03-66	5000	--	--	--	0001.M	--	--	--	--	--	--
A21300.00	10-31-66	5000	--	--	--	0001.M	--	--	--	--	--	--
A21300.00	12-06-66	5000	--	--	--	0025.M	--	--	--	--	--	--
A21300.00	01-04-67	5000	--	--	--	0001.M	--	--	--	--	--	--
A21300.00	02-14-67	5000	--	--	--	0001.M	--	--	--	--	--	--
A21300.00	03-10-67	5000	--	--	--	0040.M	--	--	--	--	--	--
A21300.00	04-05-67	5000	--	--	--	0004.M	--	--	--	--	--	--
A21300.00	05-03-67	5000	--	--	--	0002.M	000.0M	--	--	--	--	00.03M
A21300.00	06-13-67	5000	--	--	--	0002.M	--	--	--	--	--	--
A21300.00	07-05-67	5050	--	--	--	0003.E	--	--	--	--	--	--

TABLE D-4
MISCELLANEOUS CONSTITUENTS OF SURFACE WATER

STATION NO.	DATE	LAH	COL	DET	NUTRIENTS						P06	P	POT
					TRB	UR	UR	UR	UR	UR			
A21300.00	08-01-67	5050	--	--	0001.E	--	--	--	--	--	--	--	--
A22150.00	10-04-66	5000	--	--	0001.N	--	--	--	--	--	--	--	--
A22150.00	10-31-66	5000	--	--	0001.N	--	--	--	--	--	--	--	--
A22150.00	12-06-66	5000	--	--	0015.N	--	--	--	--	--	--	--	--
A22150.00	01-04-67	5000	--	--	0001.N	--	--	--	--	--	--	--	--
A22150.00	02-14-67	5000	--	--	0001.N	--	--	--	--	--	--	--	--
A22150.00	03-10-67	5000	--	--	0003.N	--	--	--	--	--	--	--	--
A22150.00	04-05-67	5000	--	--	0001.M	--	--	--	--	--	--	--	--
A22150.00	05-03-67	5000	--	--	0001.M	0.000.M	--	--	--	--	0.002M	--	--
A22150.00	06-13-67	5000	--	--	0001.M	--	--	--	--	--	--	--	--
A22150.00	07-05-67	5050	--	--	0004.E	--	--	--	--	--	--	--	--
A22150.00	08-01-67	5050	--	--	0002.E	--	--	--	--	--	--	--	--
A31110.00	10-04-66	5000	--	--	0075.M	--	--	--	--	--	--	0.016M	--
A31110.00	11-03-66	5000	--	--	0050.M	--	--	--	--	--	--	0.015M	--
A31110.00	12-05-66	5000	--	--	0065.M	--	--	--	--	--	--	0.021M	--
A31110.00	01-09-67	5000	--	--	0050.M	--	--	--	--	--	--	0.039M	--
A31110.00	02-17-67	5000	--	--	0135.M	--	--	--	--	--	--	0.016M	--

TABLE D-4
MISCELLANEOUS CONSTITUENTS OF SURFACE WATER

STATION NO.	DATE	LAB	COL	DET	NUTRIENTS									
					TRB	NH4	NO2	NO3	NO	P06	P	POT	UR	UR
A31110.00	03-14-67	5817	--	--	0070-A	--	--	--	--	--	--	--	--	--
A31110.00	04-10-67	5000	--	--	0040-M	--	--	--	--	--	00.12M	--	--	--
A31110.00	05-16-67	5000	--	--	0010-M	000.0M	--	--	--	--	00.02M	--	--	--
A31110.00	06-06-67	5000	--	--	0015-M	--	--	--	--	--	--	--	--	--
A31110.00	07-11-67	5050	--	--	0025-E	--	--	--	--	--	00.10M	--	--	--
A31110.00	08-10-67	5050	--	--	0030-E	--	--	--	--	--	00.04M	--	--	--
A31250.00	10-03-66	5000	--	--	0090-M	--	--	--	--	--	00.28M	--	--	--
A31250.00	11-01-66	5000	--	--	0004-M	--	--	--	--	--	00.10M	--	--	--
A31250.00	12-01-66	5000	--	--	0080-M	--	--	--	--	--	00.24M	--	--	--
A31250.00	01-09-67	5000	--	--	0010-M	--	--	--	--	--	00.10M	--	--	--
A31250.00	02-17-67	5000	--	--	0180-M	--	--	--	--	--	00.11M	--	--	--
A31250.00	03-14-67	5000	--	--	0040-M	--	--	--	--	--	00.06M	--	--	--
A31250.00	04-10-67	5000	--	--	0080-M	--	--	--	--	--	00.09M	--	--	--
A31250.00	05-16-67	5000	--	--	0160-M	000.0M	--	--	--	--	00.06M	--	--	--
A31250.00	06-06-67	5000	--	--	0100-M	--	--	--	--	--	--	--	--	--
A31250.00	07-11-67	5050	--	--	0008-E	--	--	--	--	--	00.04M	--	--	--
A31250.00	08-10-67	5050	--	--	0140-E	--	--	--	--	--	00.05M	--	--	--

STATION NO.	DATE	LAT	COL	TRD	DET	NUTRIENTS						POT
						NH4	NO2	NO3	NO	P06	P	
A31250.00	09-12-67	5050	--	--	0090.A	--	--	--	--	--	--	--
A3P120.00	10-04-66	5000	--	--	0001.N	--	--	--	--	00.15M	--	--
A3P120.00	11-02-66	5000	--	--	0001.N	--	--	--	--	00.05M	--	--
A3P120.00	12-05-66	5000	--	--	1600.N	--	--	--	--	00.19M	--	--
A3P120.00	01-09-67	5000	--	--	0005.M	--	--	--	--	00.08M	--	--
A3P120.00	02-17-67	5000	--	--	0110.N	--	--	--	--	00.09M	--	--
A3P120.00	03-14-67	5000	--	--	0035.N	--	--	--	--	00.08M	--	--
A3P120.00	04-06-67	5000	--	--	0085.M	--	--	--	--	00.09M	--	--
A3P120.00	05-05-67	5000	--	--	0160.M	000.0M	--	--	--	00.07M	--	--
A3P120.00	05-31-67	5000	--	--	0055.M	--	--	--	--	00.11M	--	--
A3P120.00	07-06-67	5050	--	--	0003.E	--	--	--	--	00.05M	--	--
A3P120.00	08-04-67	5050	--	--	0000.E	--	--	--	--	00.03M	--	--
A3P120.00	09-07-67	5050	--	--	0001.A	--	--	--	--	--	--	--
A33110.00	05-05-67	5000	--	--	0005.M	000.0M	--	--	--	00.04M	--	--
A36130.00	11-02-66	5000	--	--	0001.M	--	--	--	--	--	--	--
A36130.00	01-03-67	5000	--	--	0005.M	--	--	--	--	--	--	--
A36130.00	03-06-67	5000	--	--	0001.M	--	--	--	--	--	--	--

TABLE D-4
MISCELLANEOUS CONSTITUENTS OF SURFACE WATER

STATION NO.	DATE	LAB	COL	DET	NUTRIENTS							
					NH4	NO2	NO3	NO	P06	P	POT	
A36130.00	05-04-67	5000	--	--	0001.M	000.0M	--	--	--	--	--	
A36130.00	07-05-67	5050	--	--	0002.E	--	--	--	--	--	--	
A41110.00	10-05-66	5000	--	--	0001.M	--	--	--	--	--	--	
A41110.00	11-03-66	5000	--	--	0003.M	--	--	--	--	--	--	
A41110.00	12-06-66	5000	--	--	0040.M	--	--	--	--	--	--	
A41110.00	01-09-67	5000	--	--	0002.M	--	--	--	--	--	--	
A41110.00	02-20-67	5000	--	--	0001.M	--	--	--	--	--	--	
A41110.00	03-14-67	5000	--	--	0001.M	--	--	--	--	--	--	
A41110.00	04-05-67	5000	--	--	0001.M	--	--	--	--	--	--	
A41110.00	05-16-67	5000	--	--	0005.M	000.0M	--	--	--	--	--	
A41110.00	06-06-67	5000	--	--	0001.M	--	--	--	--	--	--	
A41110.00	07-11-67	5050	--	--	0001.E	--	--	--	--	--	--	
A41110.00	08-10-67	5050	--	--	0001.E	--	--	--	--	--	--	
A47110.00	10-05-66	5000	--	--	0001.M	--	--	--	--	--	--	
A47110.00	11-03-66	5000	--	--	0001.M	--	--	--	--	--	--	
A47110.00	12-05-66	5000	--	--	0015.M	--	--	--	--	--	--	
A47110.00	01-09-67	5000	--	--	0002.M	--	--	--	--	--	--	

STATION NO.	DATE	LAB	COL	TRB	MISCELLANEOUS CONSTITUENTS OF SURFACE WATER					NUTRIENTS				
					NH4	NO2	NO3	NO	P06	P	POT	UR	UR	UR
A42110.00	02-20-67	5000	--	--	0.001 ^M	--	--	--	--	--	--	--	--	--
A42110.00	03-14-67	5000	--	--	0.001 ^M	--	--	--	--	--	--	--	--	--
A42110.00	04-10-67	5000	--	--	0.001 ^M	0.000 ^M	--	--	--	--	0.000 ^M	--	--	--
A42110.00	05-16-67	5000	--	--	0.001 ^M	--	--	--	--	--	--	--	--	--
A42110.00	06-06-67	5000	--	--	0.001 ^M	--	--	--	--	--	--	--	--	--
A42110.00	07-11-67	5050	--	--	0.001 ^E	--	--	--	--	--	--	--	--	--
A42110.00	08-10-67	5050	--	--	0.001 ^E	--	--	--	--	--	--	--	--	--
A44110.00	11-10-66	5000	--	--	0.003 ^M	--	--	--	--	--	--	--	--	--
A44110.00	12-05-66	5000	--	--	0.040 ^M	--	--	--	--	--	--	--	--	--
A44110.00	01-03-67	5000	--	--	0.002 ^M	--	--	--	--	--	--	--	--	--
A44110.00	02-17-67	5000	--	--	0.001 ^M	--	--	--	--	--	--	--	--	--
A44110.00	03-07-67	5000	--	--	0.001 ^M	--	--	--	--	--	--	--	--	--
A44110.00	04-06-67	5000	--	--	0.020 ^M	--	--	--	--	--	--	--	--	--
A44110.00	05-05-67	5000	--	--	0.001 ^M	0.000 ^M	--	--	--	--	0.003 ^M	--	--	--
A44110.00	05-31-67	5000	--	--	0.010 ^M	--	--	--	--	--	--	--	--	--
A44110.00	07-06-67	5050	--	--	0.010 ^E	--	--	--	--	--	--	--	--	--
A44110.00	08-04-67	5050	--	--	0.001 ^E	--	--	--	--	--	--	--	--	--

TABLE D-4

STATION NO.	DATE	LAT	COL	CNL	TRB	DET	NUTRIENTS						
							NH4	NO2	NO3	NO	P06	P	POT
A45110.50	11-10-66	5000	--	--	0001.M	--	--	--	--	--	--	--	--
A45110.50	01-03-67	5000	--	--	0001.M	--	--	--	--	--	--	--	--
A45110.50	03-07-67	5000	--	--	0001.M	--	--	--	--	--	--	--	--
A45110.50	05-05-67	5000	--	--	0002.M	0000.0M	--	--	--	--	--	--	--
A45110.50	07-05-67	5050	--	--	0001.E	--	--	--	--	--	--	--	--
A47110.00	11-02-66	5000	--	--	0001.M	--	--	--	--	--	--	--	--
A47110.00	01-10-67	5000	--	--	0001.M	--	--	--	--	--	--	--	--
A47110.00	03-06-67	5000	--	--	0001.M	--	--	--	--	--	--	--	--
A47110.00	05-04-67	5000	--	--	0001.M	0000.0M	--	--	--	--	--	--	--
A47110.00	07-05-67	5050	--	--	0002.E	--	--	--	--	--	--	--	--
A49110.00	11-10-66	5000	--	--	0002.M	--	--	--	--	--	--	--	--
A49110.00	01-10-67	5000	--	--	0001.M	--	--	--	--	--	--	--	--
A49110.00	03-06-67	5000	--	--	0002.M	--	--	--	--	--	--	--	--
A49110.00	05-04-67	5000	--	--	0004.M	0000.0M	--	--	--	--	--	--	--
A49110.00	07-05-67	5050	--	--	0003.E	--	--	--	--	--	--	--	--
A52100.00	10-14-66	5050	--	--	0004.E	--	--	--	--	--	--	--	--
A52100.00	11-17-66	5050	--	--	0008.E	--	--	--	--	--	--	--	--

STATION NO.	DATE	LAH	CIL	COL	TRH	MISCELLANEOUS CONSTITUENTS OF SURFACE WATER						POT
						NH4	NO2	NO3	NO	P06	P	
A52100.00	12-07-66	5050	--	--	UR	0002.E	--	--	--	--	--	--
A52100.00	01-27-67	5050	--	--	UR	0015.E	--	--	--	--	--	--
A52100.00	02-22-67	5050	--	--	UR	0003.E	--	--	--	--	--	--
A52100.00	03-24-67	5050	--	--	UR	0003.E	--	--	--	--	--	--
A52100.00	04-25-67	5050	--	--	UR	0002.E	--	--	--	--	--	--
A52100.00	05-27-67	5050	--	--	UR	0003.E	--	--	--	--	--	--
A52100.00	06-19-67	5050	--	--	UR	0004.E	--	00.03M	--	--	--	--
A52100.00	07-12-67	5050	--	--	UR	0002.E	--	--	--	--	--	--
A52100.00	08-10-67	5050	--	--	UR	0003.E	--	--	--	--	--	--
A52100.00	09-28-67	5050	--	--	UR	0002.E	--	--	--	--	--	--
A53140.10	10-14-66	5050	--	--	UR	0005.E	--	--	--	--	--	--
A53140.10	11-17-66	5050	--	--	UR	0004.E	--	--	--	--	--	--
A53140.10	12-07-66	5050	--	--	UR	0020.E	--	--	--	--	--	--
A53140.10	01-27-67	5050	--	--	UR	0005.E	--	--	--	--	--	--
A53140.10	02-21-67	5050	--	--	UR	0004.E	--	--	--	--	--	--
A53140.10	03-24-67	5050	--	--	UR	0035.E	--	--	--	--	--	--
A53140.10	04-25-67	5050	--	--	UR	0005.E	--	--	--	--	--	--

TABLE 0-4
MISCELLANEOUS CONSTITUENTS OF SURFACE WATER

STATION NO.	DATE	LAB	COL	TRB	DET						NUTRIENTS						POT					
					UR	UR	UR	UR	NH4	UR	NO2	UR	NO3	UR	NO	UR	P06	UR	P	UR	UR	UR
A53140.10	05-21-67	5050	--	--	0035.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A53140.10	06-19-67	5050	--	--	0009.E	--	--	--	000.0M	--	000.0M	--	000.0M	--	000.0M	--	00.06M	--	00.13M	--	--	--
A53140.10	07-12-67	5050	--	--	0002.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A53140.10	09-28-67	5050	--	--	0002.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A54320.00	11-23-66	5050	--	--	0015.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A54320.00	01-27-67	5050	--	--	0015.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A54320.00	03-24-67	5050	--	--	0030.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A54320.00	05-27-67	5050	--	--	0045.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A54320.00	07-12-67	5050	--	--	0005.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A54320.00	09-26-67	5050	--	--	0007.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A55100.00	10-17-66	5050	--	--	0002.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A55100.00	11-17-66	5050	--	--	0045.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A55100.00	12-16-66	5050	--	--	0002.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A55100.00	01-05-67	5050	--	--	0002.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A55100.00	02-14-67	5050	--	--	0010.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A55100.00	03-21-67	5050	--	--	0050.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A55100.00	04-27-67	5050	--	--	0007.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 0-4
MISCELLANEOUS CONSTITUENTS OF SURFACE WATER

STATION NO.	DATE	LAB	COL	TRB	DET	NUTRIENTS						POT
						NH4	NO2	NO3	NO	P06	P	
A55100.00	05-25-67	5050	--	--	0015.E	--	--	--	--	--	--	--
A55100.00	06-19-67	5050	--	--	0006.E	--	00.01M	--	000.0M	00.07M	--	00.07M
A55100.00	07-25-67	5050	--	--	0000.E	--	--	--	--	--	--	--
A55100.00	08-29-67	5050	--	--	0001.E	--	--	--	--	--	--	--
A55100.00	09-26-67	5050	--	--	0001.E	--	--	--	--	--	--	--
A55080.10	10-17-66	5050	--	--	0002.E	--	--	--	--	--	--	--
A55080.10	11-03-66	5050	--	--	0001.E	--	--	--	--	--	--	--
A55080.10	12-16-66	5050	--	--	0005.E	--	--	--	--	--	--	--
A55080.10	01-05-67	5050	--	--	0004.E	--	--	--	--	--	--	--
A55080.10	02-14-67	5050	--	--	0004.E	--	--	--	--	--	--	--
A55080.10	03-21-67	5050	--	--	0002.E	--	--	--	--	--	--	--
A55080.10	04-27-67	5050	--	--	0001.E	--	--	--	--	--	--	--
A55080.10	05-25-67	5050	--	--	0002.E	--	--	--	--	--	--	--
A55080.10	06-19-67	5050	--	--	0002.E	--	--	--	--	--	--	--
A55080.10	07-25-67	5000	--	--	0001.E	--	--	--	--	--	--	--
A56080.10	08-29-67	5050	--	--	0002.E	--	--	--	--	--	--	--
A71110.00	10-03-66	5050	--	--	0001.E	--	--	--	--	--	--	--

TABLE D-4
MISCELLANEOUS CONSTITUENTS OF SURFACE WATER

STATION NO.	DATE	LAT.	COL.	TRB	DELT						NO ₃						PO ₄						POT					
					UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	UR	
A71110.00	11-04-66	5050	--	--	0002.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
A71110.00	12-05-66	5050	--	--	0005.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
A71110.00	01-13-67	5050	--	--	0004.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
A71110.00	02-09-67	5050	--	--	0030.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
A71110.00	03-03-67	5050	--	--	0005.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
A71110.00	04-20-67	5050	--	--	0006.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
A71110.00	05-01-67	5050	--	--	0006.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
A71110.00	05-24-67	5050	--	--	--	--	--	--	00.02M	000.0M	000.01M	000.01M	000.02M	000.02M	000.02M	000.02M	000.02M	000.02M	000.02M	000.02M	000.02M	000.02M	000.02M	000.02M	000.02M	000.02M	000.02M	
A71110.00	06-20-67	5050	--	--	--	--	--	--	00.04M	00.00M	000.01M	000.01M	000.01M	000.01M	000.01M	000.01M	000.01M	000.01M	000.01M	000.01M	000.01M	000.01M	000.01M	000.01M	000.01M	000.01M		
A71110.00	07-22-67	5050	--	--	0001.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
A71110.00	08-22-67	5050	--	--	0001.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
A73100.00	11-04-66	5050	--	--	0001.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
A73100.00	01-03-67	5050	--	--	0004.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
A73100.00	03-03-67	5050	--	--	0002.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
A73100.00	05-01-67	5050	--	--	0003.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
A73100.00	08-22-67	5050	--	--	0002.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
A74150.10	11-04-66	5050	--	--	0004.E	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

STATION NO.	DATE	LAB	COL	TRI	DET	NUTRIENTS						
						NH4	NO2	NO3	NO	P06	P	POT
A74150.10	01-03-67	5050	--	--	--	0004•E	--	--	--	--	--	--
A74150.10	03-03-67	5050	--	--	--	0004•E	--	--	--	--	--	--
A74150.10	05-01-67	5050	--	--	--	0003•E	--	--	--	--	--	--
A74150.10	08-22-67	5050	--	--	--	0001•E	--	--	--	--	--	--
A81120.00	10-10-66	5050	--	--	--	0010•E	--	--	--	--	--	--
A81120.00	11-28-66	5050	--	--	--	0035•E	--	--	--	--	--	--
A81120.00	12-19-66	5050	--	--	--	0006•E	--	--	--	--	--	--
A81120.00	01-13-67	5050	--	--	--	0004•E	--	--	--	--	--	--
A81120.00	02-10-67	5050	--	--	--	0040•E	--	--	--	--	--	--
A81120.00	03-29-67	5050	--	--	--	0025•E	--	--	--	--	--	--
A81120.00	04-28-67	5050	--	--	--	0090•E	--	--	--	--	--	--
A81120.00	05-31-67	5050	--	--	--	0004•E	--	--	--	--	--	--
A81120.00	07-22-67	5050	--	--	--	0025•E	--	--	--	--	--	--
A81120.00	08-31-67	5050	--	--	--	0004•E	--	--	--	--	--	--
A81125.00	11-28-66	5050	--	--	--	0090•E	--	--	--	--	--	--
B01125.00	01-13-67	5050	--	--	--	0002•E	--	--	--	--	--	--
B01125.00	03-27-67	5050	--	--	--	0015•E	--	--	--	--	--	--

TABLE D-4

STATION NO.	DATE	LAB	COL	DET	MISCELLANEOUS CONSTITUENTS OF SURFACE WATER						NUTRIENTS						
					TRB	UR	UR	UR	UR	UR	NH4	NO2	NO3	NO	P06	P	POT
R01125.00	05-29-67	5050	--	--	0007•E	--	--	--	--	--	--	--	--	--	--	--	--
R02105.00	11-02-66	5050	--	--	0002•E	--	--	--	--	--	--	--	--	--	--	--	--
R02105.00	01-10-67	5050	--	--	0005•E	--	--	--	--	--	--	--	--	--	--	--	--
R02105.00	05-22-67	5050	--	--	0005•E	--	--	--	--	--	--	--	--	--	--	--	--
R02105.00	08-24-67	5050	--	--	0003•E	--	--	--	--	--	--	--	--	--	--	--	--
R02105.00	09-12-67	5050	--	--	0001•E	--	--	--	--	--	--	--	--	--	--	--	--
R02143.00	11-02-66	5050	--	--	0001•E	--	--	--	--	--	--	--	--	--	--	--	--
R02143.00	01-11-67	5050	--	--	0021•E	--	--	--	--	--	--	--	--	--	--	--	--
R02143.00	03-13-67	5050	--	--	0010•E	--	--	--	--	--	--	--	--	--	--	--	--
R02143.00	05-29-67	5050	--	--	0002•E	--	--	--	--	--	--	--	--	--	--	--	--
R91840.00	11-18-66	5050	--	--	0020•E	--	--	--	--	--	--	--	--	--	--	--	--
R91840.00	12-12-66	5050	--	--	0025•E	--	--	--	--	--	--	--	--	--	--	--	--
R91840.00	01-10-67	5050	--	--	0015•E	--	--	--	--	--	--	--	--	--	--	--	--
R02143.00	09-12-67	5050	--	--	0002•E	--	--	--	--	--	--	--	--	--	--	--	--
R02515.01	10-10-66	5050	--	--	0005•E	--	--	--	--	--	--	--	--	--	--	--	--
R02515.01	12-05-66	5050	--	--	0020•E	--	--	--	--	--	--	--	--	--	--	--	--
R02515.01	01-11-67	5050	--	--	0010•E	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4

STATION NO.	DATE	LAB	COL	DET	NUTRIENTS						
					NH4	NO2	NO3	NO	P06	P	POT
R02515.01	02-07-67	5050	--	--	0005•E	--	--	--	--	--	--
R02515.01	03-27-67	5050	--	--	0025•E	--	--	--	--	--	--
R02515.01	04-17-67	5050	--	--	0005•E	--	--	--	--	--	--
R02515.01	05-23-67	5050	--	--	0020•E	--	--	--	--	--	--
R02515.01	06-22-67	5050	--	--	0160•E	--	--	--	--	--	--
R02515.01	09-12-67	5050	--	--	0007•E	--	--	--	--	--	--
R11150.00	11-04-66	5050	--	--	0001•E	--	--	--	--	--	--
R11150.00	01-13-67	5050	--	--	0002•E	--	--	--	--	--	--
R11150.00	03-27-67	5050	--	--	0003•E	--	--	--	--	--	--
R11150.00	05-29-67	5050	--	--	0002•E	--	--	--	--	--	--
R11150.00	09-11-67	5050	--	--	0001•E	--	--	--	--	--	--
R225300.00	10-03-66	5000	--	--	0005•E	--	--	--	--	--	--
R225300.00	11-07-66	5050	--	--	0010•E	--	--	--	--	--	--
R225300.00	03-13-67	5050	--	--	0002•E	--	--	--	--	--	--
R225300.00	05-02-67	5050	--	--	0020•E	--	--	--	--	--	--
R225300.00	06-12-67	5050	--	--	0002•E	--	--	--	--	--	--
R225300.00	08-25-67	5050	--	--	0002•E	--	--	--	--	--	--

TABLE D-4
MISCELLANEOUS CONSTITUENTS OF SURFACE WATER

STATION NO.	DATE	LAB	COL	TRB	DET	NUTRIENTS						
						NH4	NO2	NO3	NO	P05	P	POT
B25320.10	11-07-66	5050	--	--	0001.E	--	--	--	--	--	--	--
B25320.10	03-13-67	5050	--	--	0020.E	--	--	--	--	--	--	--
B25320.10	04-05-67	5050	--	--	0003.E	--	--	--	--	--	--	--
B25320.10	05-02-67	5050	--	--	0003.E	--	--	--	--	--	--	--
B25320.10	06-12-67	5050	--	--	0001.E	--	--	--	--	--	--	--
B25320.10	07-11-67	5050	--	--	0002.F	--	--	--	--	--	--	--
B25320.10	08-25-67	5050	--	--	0002.E	--	--	--	--	--	--	--
B91210.10	10-13-66	5050	--	--	0040.E	--	--	--	--	--	--	--
B91210.10	11-21-66	5050	--	--	0010.E	--	--	--	--	--	--	--
B91210.10	12-21-66	5050	--	--	0030.E	--	--	--	--	--	--	--
B91210.10	01-10-67	5050	--	--	0030.E	--	--	--	--	--	--	--
B91210.10	02-08-67	5050	--	--	0115.E	--	--	--	--	--	--	--
B91210.10	03-13-67	5050	--	--	0025.E	--	--	--	--	--	--	--
B91210.10	04-06-67	5050	--	--	0040.E	--	--	--	--	--	--	--
B91210.10	05-22-67	5050	--	--	0030.E	--	--	--	--	--	--	--
B91210.10	06-27-67	5050	--	--	0045.E	--	--	--	--	--	--	--
B91210.10	09-11-67	5050	--	--	0008.E	--	--	--	--	--	--	--

TABLE D-4
MISCELLANEOUS CONSTITUENTS OF SURFACE WATER

TABLE D-4
MISCELLANEOUS CONSTITUENTS OF SURFACE WATER

STATION NO.	DATE	LAT	COL	COL	DET	TRB	NUTRIENTS						POT
							NH4	NO2	NO3	NO	P06	P	
R91940.00	03-13-67	5050	--	--	0.025.E	--	--	--	--	--	--	--	--
R91940.00	04-04-67	5050	--	--	--	--	0.0.02M	--	0.00.2M	0.00.4M	0.0.17M	--	0.0.32M
R91940.00	04-06-67	5050	--	--	0.030.E	--	--	--	--	--	--	--	--
R91940.00	05-02-67	5050	--	--	--	--	0.0.00M	--	0.00.1M	0.00.2M	0.0.13M	--	0.0.30M
R91940.00	05-22-67	5050	--	--	0.025.E	--	--	--	--	--	--	--	--
R91940.00	06-07-67	5050	--	--	--	--	0.0.00M	--	0.00.1M	0.00.2M	0.0.15M	--	0.0.15M
R91940.00	06-27-67	5050	--	--	0.010.E	--	--	--	--	--	--	--	--
R91940.00	07-05-67	5050	--	--	--	--	0.0.14M	--	0.00.1M	0.00.2M	0.0.16M	--	0.0.66M
R91940.00	07-26-67	5050	--	--	0.010.E	--	--	--	--	--	--	--	--
R91940.00	08-01-67	5050	--	--	--	--	0.0.04M	--	0.00.1M	0.00.3M	0.0.18M	--	0.0.43M
R91940.00	09-11-67	5050	--	--	0.005.E	--	--	--	--	--	--	--	--
R91940.00	09-12-67	5050	--	--	--	--	0.0.03M	--	0.00.2M	0.00.4M	0.0.24M	--	0.0.45M
R94120.00	11-02-66	5050	--	--	0.040.E	--	--	--	--	--	--	--	--
R94120.00	01-10-67	5050	--	--	0.015.E	--	--	--	--	--	--	--	--
R94120.00	03-09-67	5050	--	--	0.020.E	--	--	--	--	--	--	--	--
R94120.00	05-22-67	5050	--	--	0.017.E	--	--	--	--	--	--	--	--
R94120.00	09-15-67	5050	--	--	0.005.E	--	--	--	--	--	--	--	--

TABLE D-4

STATION	No.	DATE	LAB	COL	COL	TRB	DET	NUTRIENTS					
								NH4	NO2	NO3	NO	P06	POT
R95020.00		10-18-66	5050	--	--	0055-E	--	--	--	--	--	--	--
R95020.00		11-18-66	5050	--	--	0045-E	--	--	--	--	--	--	--
R95020.00		12-22-66	5050	--	--	0020-E	--	--	--	--	--	--	--
R95020.00		01-10-67	5050	--	--	0040-E	--	--	--	--	--	--	--
R95020.00		02-06-67	5050	--	--	0070-E	--	--	--	--	--	--	--
R95020.00		03-09-67	5050	--	--	0025-E	--	--	--	--	--	--	--
R95020.00		04-06-67	5050	--	--	0025-E	--	--	--	--	--	--	--
R95020.00		05-22-67	5050	--	--	0025-E	--	--	--	--	--	--	--
R95020.00		06-27-67	5050	--	--	0050-E	--	--	--	--	--	--	--
R95020.00		07-26-67	5050	--	--	0040-E	--	--	--	--	--	--	--
R95020.00		08-01-67	5050	--	--	0030-E	--	--	--	--	--	--	--
R95020.00		09-12-67	5050	--	--	0020-E	--	--	--	--	--	--	--
R95220.00		10-20-66	5050	--	--	0025-M	--	--	--	--	--	--	--
R95220.00		11-21-66	5050	--	--	0015-M	--	--	--	--	--	--	--
R95220.00		12-13-66	5050	--	--	0025-M	--	--	--	--	--	--	--
R95220.00		02-06-67	5050	--	--	0055-M	--	--	--	--	--	--	--
R95220.00		03-29-67	5050	--	--	0050-M	--	--	--	--	--	--	--

TABLE D-4

STATION NO.	DATE	LAB	COL	COL	TRB	DET	NUTRIENTS											
							NH4	UR	NO2	UR	NO3	UR	NO	UR	P06	UR	P	UR
R95220.00	04-23-67	5050	--	--	0035•M	--	--	--	--	--	--	--	--	--	--	--	--	--
R95220.00	05-24-67	5050	--	--	0032•M	--	--	--	--	--	--	--	--	--	--	--	--	--
R95220.00	06-22-67	5050	--	--	0055•M	--	--	--	--	--	--	--	--	--	--	--	--	--
R95278.01	10-04-66	5050	--	--	0025•E	--	--	--	--	--	--	--	--	--	--	--	--	--
R95278.01	11-01-66	5050	--	--	0040•E	--	--	--	--	--	--	--	--	--	--	--	--	--
R95278.01	12-06-66	5050	--	--	0030•E	--	--	--	--	--	--	--	--	--	--	--	--	--
R95278.01	01-09-67	5050	--	--	0020•E	--	--	--	--	--	--	--	--	--	--	--	--	--
R95278.01	02-01-67	5050	--	--	0045•E	--	--	--	--	--	--	--	--	--	--	--	--	--
R95278.01	03-03-67	5050	--	--	0045•E	--	--	--	--	--	--	--	--	--	--	--	--	--
R95278.01	04-07-67	5050	--	--	0030•E	--	--	--	--	--	--	--	--	--	--	--	--	--
R95278.01	05-10-67	5050	--	--	0020•E	--	--	--	--	--	--	--	--	--	--	--	--	--
R95278.01	06-06-67	5050	--	--	0040•E	--	--	--	--	--	--	--	--	--	--	--	--	--
R95278.01	07-05-67	5050	--	--	0055•E	--	--	--	--	--	--	--	--	--	--	--	--	--
R95278.01	08-01-67	5050	--	--	0043•E	--	--	--	--	--	--	--	--	--	--	--	--	--
R95278.01	09-07-67	5050	--	--	0040•E	--	--	--	--	--	--	--	--	--	--	--	--	--
R95280.00	10-04-66	5050	--	--	0002•E	--	--	--	--	--	--	--	--	--	--	--	--	--
R95280.00	11-01-66	5050	--	--	0027•E	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE D-4
MISCELLANEOUS CONSTITUENTS OF SURFACE WATER

STATION N.J.	DATE	LAT.	COL.	DET.	NUTRIENTS					
					NO ₃	NO ₂	NH ₄	TR _B	UR	POT
R95280.00	12-06-66	5050	--	--	0.080-E	--	--	--	--	--
R95280.00	01-09-67	5050	--	--	0.020-E	--	--	--	--	--
R95280.00	02-01-67	5050	--	--	0.015-E	--	--	--	--	--
R95280.00	03-03-67	5050	--	--	0.025-E	--	--	--	--	--
R95280.00	04-07-67	5050	--	--	0.015-E	--	--	--	--	--
R95280.00	05-10-67	5050	--	--	0.002-E	--	--	--	--	--
R95280.00	06-05-67	5050	--	--	0.003-E	--	--	--	--	--
R95280.00	07-05-67	5050	--	--	0.004-E	--	--	--	--	--
R95280.00	08-01-67	5050	--	--	0.016-E	--	--	--	--	--
R95280.00	09-07-67	5050	--	--	0.015-E	--	--	--	--	--
R95285.50	10-04-66	5050	--	--	0.035-E	--	--	--	--	--
R95285.50	11-01-66	5050	--	--	0.035-E	--	--	--	--	--
R95285.50	01-09-67	5050	--	--	0.025-E	--	--	--	--	--
R95285.50	02-01-67	5050	--	--	0.060-E	--	--	--	--	--
R95285.50	03-03-67	5050	--	--	0.050-E	--	--	--	--	--
R95285.50	04-07-67	5050	--	--	0.100-E	--	--	--	--	--
R95285.50	05-10-67	5050	--	--	0.040-E	--	--	--	--	--

TABLE D-4

STATION NO.	DATE	LAB	COL	DET	MISCELLANEOUS CONSTITUENTS OF SURFACE WATER						
					NH ₄	NO ₂	NO ₃	NO	P _{O6}	P	POT
R95285.50	06-05-67	5050	--	--	0070•E	--	--	--	--	--	--
R95285.50	07-05-67	5050	--	--	0100•E	--	--	--	--	--	--
R95285.50	08-01-67	5050	--	--	0070•E	--	--	--	--	--	--
R95285.50	09-07-67	5050	--	--	0040•E	--	--	--	--	--	--
R95285.50	12-06-67	5050	--	--	0220•E	--	--	--	--	--	--
R95286.50	12-05-66	5050	--	--	0550•E	--	--	--	--	--	--
R95286.50	02-01-67	5050	--	--	0150•E	--	--	--	--	--	--
R95286.50	03-03-67	5050	--	--	0025•E	--	--	--	--	--	--
R95286.50	04-07-67	5050	--	--	0085•E	--	--	--	--	--	--
R95286.50	05-10-67	5050	--	--	0050•E	--	--	--	--	--	--
R95286.50	06-05-67	5050	--	--	0065•E	--	--	--	--	--	--
R95288.50	10-04-66	5050	--	--	0025•E	--	--	--	--	--	--
R95288.50	11-01-66	5050	--	--	0020•E	--	--	--	--	--	--
R95288.50	12-06-66	5050	--	--	0080•E	--	--	--	--	--	--
R95288.50	01-09-67	5050	--	--	0045•E	--	--	--	--	--	--
R95288.50	02-01-67	5050	--	--	0070•E	--	--	--	--	--	--
R95288.50	03-03-67	5050	--	--	0065•E	--	--	--	--	--	--

TABLE 0-4
MISCELLANEOUS CONSTITUENTS OF SURFACE WATER

STATION NO.	DATE	LAB	COL	CUL	TRB	DET	NUTRIENTS						POT	UR
							NH4	NO2	NO3	NO	P06	P		
B95288.50	04-07-67	5050	--	--	--	UR	--	--	--	--	--	--	--	--
B95288.50	05-10-67	5050	--	--	--	UR	--	--	--	--	--	--	--	--
B95288.50	06-05-67	5050	--	--	--	UR	--	--	--	--	--	--	--	--
B95288.50	07-05-67	5050	--	--	--	UR	--	--	--	--	--	--	--	--
B95288.50	08-01-67	5050	--	--	--	UR	--	--	--	--	--	--	--	--
B95288.50	09-07-67	5050	--	--	--	UR	--	--	--	--	--	--	--	--
B95340.00	10-04-66	5050	--	--	--	UR	--	--	--	--	--	--	--	--
B95340.00	12-13-66	5050	--	--	--	UR	--	--	--	--	--	--	--	--
B95340.00	01-11-67	5050	--	--	--	UR	--	--	--	--	--	--	--	--
B95340.00	02-07-67	5050	--	--	--	UR	--	--	--	--	--	--	--	--
B95340.00	03-09-67	5050	--	--	--	UR	--	--	--	--	--	--	--	--
B95340.00	04-17-67	5050	--	--	--	UR	--	--	--	--	--	--	--	--
B95340.00	05-23-67	5050	--	--	--	UR	--	--	--	--	--	--	--	--
B95340.00	06-22-67	5050	--	--	--	UR	--	--	--	--	--	--	--	--
B95340.00	08-24-67	5050	--	--	--	UR	--	--	--	--	--	--	--	--
B95340.00	09-12-67	5050	--	--	--	UR	--	--	--	--	--	--	--	--
B95618.00	10-10-66	5050	--	--	--	UR	--	--	--	--	--	--	--	--

TABLE D-4

STATION NO.	DATE	LAB	COL	DET	NUTRIENTS						P	POT
					TRB	UR	UR	UR	UR	UR		
R95618.00	11-02-66	5050	--	--	0025.E	--	--	--	--	--	--	--
R95618.00	12-05-66	5050	--	--	0025.E	--	--	--	--	--	--	--
R95618.00	01-11-67	5050	--	--	0020.E	--	--	--	--	--	--	--
R95618.00	02-07-67	5050	--	--	0070.E	--	--	--	--	--	--	--
R95618.00	03-27-67	5050	--	--	0035.E	--	--	--	--	--	--	--
R95618.00	04-17-67	5050	--	--	0050.E	--	--	--	--	--	--	--
R95618.00	05-23-67	5050	--	--	0030.E	--	--	--	--	--	--	--
R95618.00	06-22-67	5050	--	--	0055.E	--	--	--	--	--	--	--
R95618.00	08-24-67	5050	--	--	0025.E	--	--	--	--	--	--	--
R95618.00	09-12-67	5050	--	--	0070.E	--	--	--	--	--	--	--
R95715.00	10-19-66	5050	--	--	0025.E	--	--	--	--	--	--	--
R95715.00	11-02-66	5050	--	--	0015.E	--	--	--	--	--	--	--
R95715.00	12-05-66	5050	--	--	0020.E	--	--	--	--	--	--	--
R95715.00	01-11-67	5050	--	--	0015.E	--	--	--	--	--	--	--
R95715.00	02-07-67	5050	--	--	0045.E	--	--	--	--	--	--	--
R95715.00	03-09-67	5050	--	--	0020.E	--	--	--	--	--	--	--
R95715.00	04-17-67	5050	--	--	0030.E	--	--	--	--	--	--	--

TABLE D-4
MISCELLANEOUS CONSTITUENTS OF SURFACE WATER

STATION NO.	DATE	LAB	COL	TRB	DET	NUTRIENTS						POT
						NH4	NO2	NO3	NO	P06	P	
R95715.00	05-23-67	5050	--	--	--	0025.E	--	--	--	--	--	--
R95715.00	06-22-67	5050	--	--	--	0040.E	--	--	--	--	--	--
R95715.00	08-24-67	5050	--	--	--	0030.E	--	--	--	--	--	--
R95715.00	09-12-67	5050	--	--	--	0065.E	--	--	--	--	--	--
R95820.00	10-19-66	5050	--	--	--	0020.E	--	--	--	--	--	--
R95820.00	11-02-66	5050	--	--	--	0010.E	--	--	--	--	--	--
R95820.00	12-05-66	5050	--	--	--	0007.E	--	--	--	--	--	--
R95820.00	01-11-67	5050	--	--	--	0015.E	--	--	--	--	--	--
R95820.00	02-07-67	5050	--	--	--	0065.E	--	--	--	--	--	--
R95820.00	03-09-67	5050	--	--	--	0015.E	--	--	--	--	--	--
R95820.00	04-17-67	5050	--	--	--	0035.E	--	--	--	--	--	--
R95820.00	05-23-67	5050	--	--	--	0027.E	--	--	--	--	--	--
R95820.00	06-22-67	5050	--	--	--	0045.E	--	--	--	--	--	--
R95820.00	07-27-67	5050	--	--	--	0030.E	--	--	--	--	--	--
R95820.00	08-24-67	5050	--	--	--	0007.E	--	--	--	--	--	--
R95820.00	09-12-67	5050	--	--	--	0060.E	--	--	--	--	--	--
R95925.00	03-09-67	5050	--	--	--	00.11E	--	--	--	--	--	--
										000.8H	000.8H	00.53H

TABLE D-4
MISCELLANEOUS CONSTITUENTS OF SURFACE WATER

STATION No.	DATE	LAT	COL	TRH	DET	NUTRIENTS						POT	
						NH4	NO2	NO3	NO	POT	UR		
R95925.00	04-04-67	5050	--	--	--	--	00.07M	--	000.4M	000.6M	00.22M	--	00.39M
R95925.00	05-02-67	5050	--	--	--	--	00.09M	--	000.2M	000.5M	00.24M	--	00.48M
R95925.00	06-07-67	5050	--	--	--	--	00.08M	--	000.2M	000.4M	00.31M	--	00.43M
R95925.00	07-05-67	5050	--	--	--	--	00.09M	--	000.3M	000.9M	00.76M	--	006.5M
R95925.00	08-01-67	5050	--	--	--	--	00.02M	--	000.6M	000.9M	00.37M	--	001.1M
R95925.00	09-12-67	5050	--	--	--	--	00.02M	--	000.5M	001.3M	00.34M	--	00.81M
G41600.00	10-06-66	5000	--	--	--	0001M	--	--	--	--	--	--	--
G41600.00	11-08-66	5000	--	--	--	0001M	--	--	--	--	--	--	--
G41600.00	12-05-66	5000	--	--	--	0030M	--	--	--	--	--	--	--
G41600.00	01-06-67	5000	--	--	--	0001M	--	--	--	--	--	--	--
G41600.00	02-06-67	5000	--	--	--	0004M	--	--	--	--	--	--	--
G41600.00	03-07-67	5000	--	--	--	0001M	--	--	--	--	--	--	--
G41600.00	04-10-67	5000	--	--	--	0003M	--	--	--	--	--	--	--
G41600.00	05-08-67	5000	--	--	--	0020M	000.0M	--	--	--	--	--	00.05M
G41600.00	06-05-67	5000	--	--	--	0003M	--	--	--	--	--	--	--
G41600.00	07-06-67	5050	--	--	--	0004E	--	--	--	--	--	--	--
G41600.00	08-09-67	5050	--	--	--	0003E	--	--	--	--	--	--	--

TABLE 0-4
MISCELLANEOUS CONSTITUENTS OF SURFACE WATER

STATION NO.	DATE	LAB	COL	COL	MISCELLANEOUS			NUTRIENTS			NO	PO ₄	P	POT
					DET	TRB	UR	NH ₄	NO ₂	NO ₃				
671195.00	10-03-66	5050	--	--	0002.E	--	00.00M	--	--	--	00.04M	--	--	--
671195.00	11-22-66	5050	--	--	0004.E	--	--	--	--	--	--	--	--	--
671195.00	12-12-66	5050	--	--	0020.E	--	00.00M	--	--	--	00.05M	--	--	--
671195.00	01-27-67	5050	--	--	0007.E	--	00.01M	--	--	--	00.04M	--	--	--
671195.00	02-21-67	5050	--	--	0007.E	--	00.01M	--	--	--	00.02M	--	--	--
671195.00	03-22-67	5050	--	--	0015.E	--	00.03M	--	--	--	00.08M	--	--	--
671195.00	04-11-67	5050	--	--	0003.E	--	00.00M	--	--	--	00.02M	--	--	--
671195.00	05-18-67	5050	002.4	M	007.0	M	0065.E	--	00.00M	--	00.52M	--	--	--
671195.00	06-26-67	5050	--	--	0020.E	--	00.00M	--	--	--	00.05M	--	--	--
671195.00	07-10-67	5050	002.4	M	002.4	M	0006.E	--	00.01M	--	00.06M	--	--	--
671195.00	08-28-67	5050	--	--	0008.E	--	00.03M	--	--	--	00.04M	--	--	--
671195.00	09-14-67	5050	00.32	M	00.32	M	0002.E	--	--	--	00.03M	--	--	--
671565.00	06-15-67	5050	--	--	--	--	--	--	--	--	000.0M	--	0.0.02M	--
671600.00	11-22-66	5050	--	--	0001.E	--	--	--	--	--	--	--	--	--
671600.00	01-25-67	5050	--	--	0005.E	--	--	--	--	--	--	--	--	--
671600.00	03-22-67	5050	--	--	0001.E	--	--	--	--	--	--	--	--	--
671600.00	05-18-67	5050	--	--	0006.E	--	--	--	--	--	--	--	--	--

TABLE D-4
MISCELLANEOUS CONSTITUENTS OF SURFACE WATER

STATION NO.	DATE	LAB	C.L.	COL	DET	TRB	NUTRIENTS				P06	P	POT
							NH4	NO2	NO3	NO			
G71600.00	07-10-67	5050	--	--	UR	UR	--	--	--	--	--	--	--
G71710.00	11-22-66	5050	0.032	M	0.048	M	0.002-E	--	--	--	--	--	--
G71710.00	01-25-67	5050	0.021	M	0.048	M	0.004-E	--	--	--	--	--	--
G71710.00	03-22-67	5050	0.021	M	0.021	M	0.001-E	--	--	--	--	--	--
G71710.00	05-18-67	5050	0.086	M	0.021	M	0.003-E	--	--	--	--	--	--
G71710.00	07-10-67	5050	0.086	M	0.015	M	0.001-E	--	--	--	--	--	--
G71710.00	09-14-67	5050	0.048	M	0.032	M	0.003-E	--	--	--	--	--	--
G7L A57.0	000.0.0	11-15-66	5060	--	--	--	0.01MY	--	0.013U	0.025U	--	--	--
G7L A57.0	000.0.0	11-15-66	5060	0000.	M	--	--	--	--	--	--	--	--
G7L A57.0	000.0.0	02-08-67	5060	--	--	--	0.01U	--	0.002UY	0.031U	--	--	--
G7L A57.0	000.0.0	05-17-67	5060	--	--	--	0.01MY	--	0.002U	0.022U	--	--	--
G7L A57.0	000.0.0	05-17-67	5060	002.1	Y	002.1	Y	--	--	--	--	--	--
G7L A57.0	000.0.0	08-22-67	5060	002.1	Y	002.1	Y	--	0.002M	--	0.008U	0.048U	--
G7L A58.3	000.0.0	08-22-67	5060	002.1	Y	002.1	Y	--	--	--	--	--	--
G7L A58.3	004.3	11-15-66	5060	--	--	--	0.01MY	--	0.030U	0.021U	--	--	--
G7L A58.3	004.3	11-15-66	5060	0000.	M	--	--	--	--	--	0.056U	0.043U	--
G7L A58.3	004.3	02-07-67	5060	--	--	--	0.01M	--	--	--	--	--	--

TABLE D-4
LEAD CONSTITUENTS OF SURFACE WATER

STATION NO.	DATE	LAT	COL	TRH	DET	NUTRIENTS						
						NH4	NO2	NO3	NO	PO4	P	POT
671. A5R.3 004.3	05-17-67	5060	--	--	--	00.01M	--	001.2U	003.6U	--	--	--
67L A5R.3 004.3	05-17-67	5060	002.1	Y	002.1	--	--	--	--	--	--	--
67L A5R.3 004.3	08-22-67	5060	--	--	--	00.02N	--	000.8U	005.8U	--	--	--
67L A5R.3 004.3	08-22-67	5060	002.1	Y	002.1	--	--	--	--	--	--	--
671. 905.0 000.5	02-07-67	5060	--	--	--	00.01M	--	000.2U	002.1U	--	--	--
67L 905.0 000.5	05-15-67	5060	--	--	--	00.01M	--	000.2U	001.4U	--	--	--
67L 905.0 000.5	05-15-67	5060	002.1	Y	002.1	--	--	--	--	--	--	--
671. 905.0 000.5	08-23-67	5060	002.1	Y	--	--	--	--	--	--	--	--
67L 905.0 000.5	08-23-67	5060	--	--	--	00.01U	--	000.8U	002.4U	--	--	--
67L 910.0 007.6	11-17-66	5060	--	--	--	00.01M	--	00.56U	002.8U	--	--	--
67L 910.0 007.6	11-17-66	5060	0015.3	M	004.3	--	--	--	--	--	--	--
67L 910.0 007.6	02-07-67	5060	--	--	--	00.01M	--	000.2U	002.6U	--	--	--
67L 910.0 007.6	05-16-67	5060	--	--	--	00.01M	--	000.3U	003.6U	--	--	--
67L 910.0 007.6	05-16-67	5060	002.1	Y	002.1	--	--	--	--	--	--	--
67L 910.0 007.6	08-23-67	5060	--	--	--	00.01M	--	001.2U	003.4U	--	--	--
67L 914.5 956.8	11-16-66	5060	0000.1	M	0000.1	--	--	--	--	--	--	--

TABLE D-4
MISCELLANEOUS CONSTITUENTS OF SURFACE WATER

STATION NO.	DATE	LAB	COL	DEF	TRH	NUTRIENTS					
						NH ₄	NO ₂	NO ₃	NO	P ₀₆	P _{OT}
67L 914.5 956.8	11-16-66	5060	--	--	--	0.0.01Y	--	--	0.0.30U	0.04.3U	--
67L 914.5 956.3	02-06-67	5060	--	--	--	0.0.01Y	--	--	0.0.20U	0.03.1U	--
67L 914.5 956.9	05-16-67	5060	--	--	--	0.0.01Y	--	--	0.0.20U	0.03.0U	--
67L 914.5 956.8	05-16-67	5060	0015	Y	008.6	--	--	--	--	--	--
67L 914.5 956.8	08-23-67	5060	--	--	--	0.0.02W	--	--	0.0.08U	0.03.8U	--
67L 914.5 956.8	08-21-67	5060	002.1	Y	002.1	--	--	--	--	--	--
68P300.00	11-23-66	5050	002.4	Y	00.15	Y	0.002.E	--	--	--	--
68P300.00	01-26-67	5050	0.021	M	0.086	M	0.004.E	--	--	--	--
68P300.00	03-23-67	5050	00.32	M	0.086	M	0.002.E	--	--	--	--
68P300.00	07-11-67	5050	002.4	M	00.64	M	0.002.E	--	--	--	--
68P300.00	09-13-67	5050	007.0	M	002.4	M	0.001.E	--	--	--	--
683420.20	11-23-66	5050	00.12	M	002.4	M	0.002.E	--	--	--	--
683420.20	01-26-67	5050	0.021	M	0.074	M	0.005.E	--	--	--	--
683420.20	03-23-67	5050	.0012	M	00.64	M	0.015.E	--	--	--	--
683420.20	07-11-67	5050	007.0	M	00.64	M	0.025.E	--	--	--	--
683420.20	09-13-67	5050	002.4	M	00.64	M	0.002.E	--	--	--	--
69P400.00	11-23-66	5050	0.086	M	00.19	M	0.002.E	--	--	--	--

TABLE D-4
MISCELLANEOUS CONSTITUENTS OF SURFACE WATER

STATION NO.	DATE	LAH	COL	CUL	TRB	NUTRIENTS						
						NH4	NO2	NO3	NO	P06	P	POT
692400.00	01-26-67	5050	0.054	N 00.64	N 0004.E	--	--	--	--	--	--	--
692400.00	03-23-67	5050	0.021	N 0.086	N 0002.E	--	--	--	--	--	--	--
692400.00	07-11-67	5050	0.032	N 0.054	N 0025.E	--	--	--	--	--	--	--
692400.00	09-13-67	5050	0.026	N 0.032	N 0003.E	--	--	--	--	--	--	--
693200.00	11-23-66	5050	0.012	M 00.15	M 0045.E	--	--	--	--	--	--	--
693200.00	01-26-67	5050	0.048	M 0.048	M 0025.E	--	--	--	--	--	--	--
693200.00	03-23-67	5050	0.086	M 002.4	M 0015.E	--	--	--	--	--	--	--
693200.00	07-11-67	5050	0.032	M 002.4	M 0015.E	--	--	--	--	--	--	--
693200.00	09-13-67	5050	0.032	M 0.064	M 0010.E	--	--	--	--	--	--	--

TABLE D-5

DESCRIPTION OF SALINITY
OBSERVATION STATIONS

STATIONS	MAP REFER- ENCE NUMBER	TIME INTERVAL (a)		LOCATION
		Hours	Min.	
				SUISUN BAY
EOB80352134	Crockett	3	30	West end of Carquinez Strait, south shore, 0.2 mile east of Carquinez Bridge onwharf of C and R Sugar Refinery Corporation.
EO 3300.01	Martinez	3	50	Sampled from Shell Oil Company dock, about 0.6 mile downstream from Southern Pacific Company railroad bridge.
EO 3330.01	Port Chicago	4	20	South shore of Suisun Bay at U.S. Naval ammunition loading wharf below Port Chicago.
EO 3350.00	Nichols			South shore of Suisun Bay, about 0.5 mile upstream from Middle Point at Allied Chemical Corporation yard.
B9 1070.01	Pittsburg	1	5 00	East end of Suisun Bay, south shore, at Pittsburg Yacht Harbor.
				SACRAMENTO RIVER DELTA
B9 1100.00	Collinsville	2	5 25	Sacramento River, north bank, at junction with San Joaquin River.
B9 1120.01	Emmaton	3	5 45	Sacramento River, south bank, 5.9 miles downstream from Rio Vista.
B9 1121.00	Threemile Slough Bridge	4	5 55	At junction of slough and Sacramento River.
B9 1210.01	Rio Vista Bridge	5	6 05	Sacramento River at Highway 12 Bridge.
B9 1600.01	Isleton Bridge	6	6 30	Sacramento River, one mile upstream from Isleton.
				SAN JOAQUIN RIVER DELTA
B9 5020.00	Antioch	7	5 55	San Joaquin River at City Water Works pumping plant.
B9 5025.01	Antioch Bridge	8	6 10	San Joaquin River at Antioch Bridge.
B9 5035.01	Jersey Island	9	6 20	San Joaquin River, left bank, approximately 1.5 miles below mouth of False River.
B9 5060.00	Threemile Slough	10	6 30	Threemile Slough, west bank, at junction of slough with the San Joaquin River.
B9 5045.01	False River	11	6 40	False River, north bank, approximately 0.75 mile upstream from junction with San Joaquin River at Bradford Island.
B9 5100.00	San Andreas Landing	12	6 55	San Joaquin River, right bank, one mile below the mouth of the Mokelumne River.
B9 5031.01	Dutch Slough	13	7 05	At Bethel Island Bridge.
B9 5820.00	Mossdale Bridge	14	10 50	San Joaquin River at U.S. Highway 50 crossing about 3 miles southwest of Lathrop.

(a) Time interval between high tide at Golden Gate and time for taking samples at station.

TABLE D-6

MAXIMUM OBSERVED SALINITY AT BAY AND DELTA STATIONS
FOR SELECTED YEARS

*Ocean water contains approximately 18,200 parts per million of chloride

a For location see Figure D-5

b Releases of stored water from Shasta Lake commenced in 1944

c Average taken as mean annual unimpaired flow at foothill stations of major tributaries for 50-year period, October 1915 through September 1965, and do not include runoff from minor tributaries and from valley floors.

d and do not include runoff from minor
d Preliminary data subject to revision

FIGURE D-9

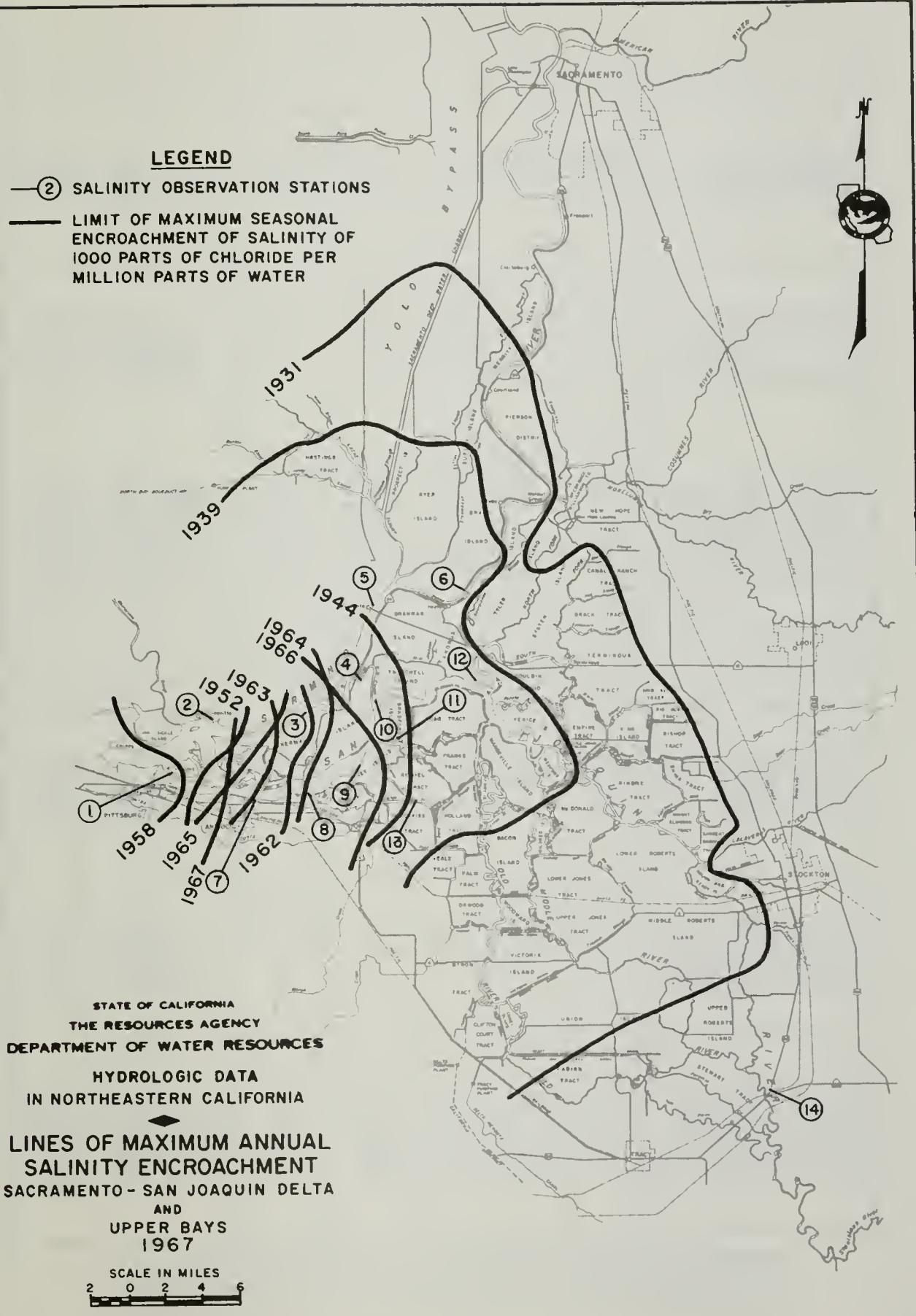


TABLE D-7
SALINITY OBSERVATIONS AT BAY AND DELTA STATIONS *
In parts of chloride per million parts of water

Station	October 1966							
	2	6	10	14	18	22	26	30
EOB80352134 Crocket EO 3300.01 Martinez EO 3330.01 Port Chicago EO 3350.00 Nichols B9 1070.01 Pittsburg	13900 a9090 7260 6160 952	11500 a8780 5480	el1000 ed5500	Suisun Bay 11400 a6660 5240	11600 11000 6700	10800 ae8600 6010	12600 8700 7190	11300 8870 6010
B9 1100.00 Collinsville B9 1120.01 Emmaton B9 1121.00 Threemile Slough Bridge B9 1210.01 Rio Vista Bridge B9 1600.01 Isleton Bridge	a933 a229	a724 a105	a805 a132	831 123	a672 a177	774 86	1440	840 bd275
a31 16 8	a52 a10 7	a41 13 8	a33 9 8	a40 16 7	50 11 6	.336 10 6	a34 12 6	
B9 5020.00 Antioch B9 5025.01 Antioch Bridge** B9 5035.01 Jersey Island B9 5060.00 Threemile Slough B9 5045.01 False River B9 5100.00 San Andreas Landing B9 5031.01 Dutch Slough B9 5820.00 Mossdale Bridge	564 240 97 22 abd47 16 a103 a109	654 285 a50 a18 a35 a15 a45 a166	a314 182 a41 19 a35 a15 a44 176	510 182 44 19 a33 a15 a45 a116	a369 215 66 d25 a31 15 a42 a119	305 208 45 15 36 14 39 116	481 270 82 21 41 13 34 a141	473 350 61 21 d28 13 a36 a137
Station	November 1966							
	2	6	10	14	18	22	26	30
EOB80352134 Crockett EO 3300.01 Martinez EO 3330.01 Port Chicago EO 3350.00 Nichols B9 1070.01 Pittsburg	11600 a8130 7840 6420 bd1350	11600 7610 5000 5490 a808	11800 a7040 4780 5490	Suisun Bay 12100 7450 586	7630 6110 3120	8070 a3530	2190 1410	7620 a920
B9 1100.00 Collinsville B9 1120.01 Emmaton B9 1121.00 Threemile Slough Bridge B9 1210.01 Rio Vista Bridge B9 1600.01 Isleton Bridge	a836 293	a823 a239	681 115	1220 123	a230 a60	39 19	24 10	21 a12
a57 bd7 7	a50 9 6	27 11 7	bd33 14 7	a16 7 8	11 7 6	9 9	a10 9 13	
B9 5020.00 Antioch B9 5025.01 Antioch Bridge** B9 5035.01 Jersey Island B9 5060.00 Threemile Slough B9 5045.01 False River B9 5100.00 San Andreas Landing B9 5031.01 Dutch Slough B9 5820.00 Mossdale Bridge	a250 520 144 a22 a26 14 a33 a173	a471 290 a48	311 187 36 15 d24 a12 13 a32 a118	436 280 52 a15 a21 14 a36 a116	a135 73 25 a15 a18 14 a30 a117	91 39 bd23 d13 a16 12 32 a124	31 23 23 d13 d16 17 14 34 159	a25 24 a15 a15 17 16 a39 a181

*Samples taken at four-day intervals approximately one and one-half hours after high tide.

a Taken after low high tide.

b Taken on following day.

c Taken two days later.

d Taken over one hour off schedule time.

e Taken on preceding day.

f Taken two days earlier.

** Chloride values computed from conductivity recorder.

TABLE D-7
SALINITY OBSERVATIONS AT BAY AND DELTA STATIONS *
In parts of chloride per million parts of water

Station	December 1966							
	2	6	10	14	18	22	26	30
Suisun Bay								
EOB80352134 Crockett EO 3300.01 Martinez EO 3330.01 Port Chicago EO 3350.00 Nichols B9 1070.01 Pittsburg	6920 a2850 3050 37	3800 d2670 53 20	1880 bd2310 32	2230 34 24	4310 23 35	6870 6090 2350	7070 3580 844 40	6180 3860 1320 127 37
Sacramento River Delta								
B9 1100.00 Collineville B9 1120.01 Emmaton B9 1121.00 Threemile Slough Bridge B9 1210.01 Rio Vista Bridge B9 1600.01 Isleton Bridge	a14 a10 a9 6 3	8 8 11 6 5	12 bd10 7 5 5	a10 a7 7 5	12 9 10 8 5	11 d10 11 28 8	16 12 6 8	12 12 6 5
San Joaquin River Delta								
B9 5020.00 Antioch B9 5025.01 Antioch Bridge** B9 5035.01 Jersey Island B9 5060.00 Threemile Slough B9 5045.01 False River B9 5100.00 San Andreas Landing B9 5031.01 Dutch Slough B9 5820.00 Mosadale Bridge	a25 21 28 a16 a17 15 a34 a124	22 19 27 14 16 11 43 108	19 17 25 18 18 21 a46 a26	a28 25 a31 a25 43 30 a68 a43	36 36 50 32 31 21 89 51	40 45 d42 21 d36 21 81 d48	38 38 45 30 33 27 a75 d54	a41 37 bd35 a29 a33 29 a65
Station	January 1967							
	2	6	10	14	18	22	26	30
Suisun Bay								
EOB80352134 Crockett EO 3300.01 Martinez EO 3330.01 Port Chicago EO 3350.00 Nichols B9 1070.01 Pittsburg	5020 4450 511 106	5520 6350 1990 bd39	7380 a3520 142 51	6830 a4340 1640 bd57	6650 6840 2560 387	7240 a4940 4950 3560	a55 69 51 51	421 44 a22 35 44
Sacramento River Delta								
B9 1100.00 Collineville B9 1120.01 Emmaton B9 1121.00 Threemile Slough Bridge B9 1210.01 Rio Vista Bridge B9 1600.01 Isleton Bridge	21 bd13	16 14	19 17	a18 a19	20 14	340 d15	15 16	10 4
San Joaquin River Delta								
B9 5020.00 Antioch B9 5025.01 Antioch Bridge** B9 5035.01 Jersey Island B9 5060.00 Threemile Slough B9 5045.01 False River B9 5100.00 San Andreas Landing B9 5031.01 Dutch Slough B9 5820.00 Moadale Bridge	38 38 34 28 d34 29 67 106	36 40 39 29 d34 29 61 87	39 40 37 26 a32 33 a61 a111	a46 47 a33 a24 29 a35 a61 a134	43 47 37 30 32 30 57 143	165 54 38 31 32 26 47 a135	35 32 44 31 36 22 a65 a32	41 39 35 18 37 a21 100 39

*Samples taken at four-day intervals approximately one and one-half hours after high tide.

b Taken on following day.

c Taken two days later.

d Taken over one hour off schedule time.

e Taken two days earlier.

** Chloride values computed from conductivity recorder

TABLE D-7

SALINITY OBSERVATIONS AT BAY AND DELTA STATIONS *

In parts of chloride per million parts of water

Station	February 1967							
	2	6	10	14	18	22	26	30
Suisun Bay								
FOB80352134 Crockett EO 3300.01 Martinez EO 3330.01 Port Chicago EO 3350.00 Nichols B9 1070.01 Pittsburg	174 29 26 28 21	1490 18 31	2590 a37	1160 30	4150 2130 352 a228 38	6470 1760 1270	4810 a1490 300 98 36	
Sacramento River Delta								
B9 1100.00 Collinsville B9 1120.01 Emmaton B9 1121.00 Threemile Slough Bridge B9 1210.01 Rio Vista Bridge B9 1600.01 Isleton Bridge	6 4 3 5 4	d7 d7 5 7 3	a10 18	21 10	15 10	14 bd12	17 12	
San Joaquin River Delta								
B9 5020.00 Antioch B9 5025.01 Antioch Bridge** B9 5035.01 Jersey Island B9 5060.00 Threemile Slough B9 5045.01 False River B9 5100.00 San Andreas Landing B9 5031.01 Dutch Slough B9 5820.00 Mossdale Bridge	40 24 34 20 38 6 95 21	33 24 36 22 37 18 97 a32	38 36 42 30 a40 17 a94 a24	41 39 42 25 a28 a17 86 50	34 49 42 27 34 24 72 52	33 44 42 29 36 23 77 a54	40 44 36 d28 a34 25 74 a65	
Station	March 1967							
	2	6	10	14	18	22	26	30
Suisun Bay								
FOB80352134 Crockett EO 3300.01 Martinez EO 3330.01 Port Chicago EO 3350.00 Nichols B9 1070.01 Pittsburg	5270 2070 1120 a51 bd32	6180 a3080 990	7100 5370 2630 bd36	5650 660 118 a36	2950 350 41 35	2920 676	2210 37 32 a38	2470 30 acd23 26
Sacramento River Delta								
B9 1100.00 Collinsville B9 1120.01 Emmaton B9 1121.00 Threemile Slough Bridge B9 1210.01 Rio Vista Bridge B9 1600.01 Isleton Bridge	13 14 12 10 6	18 15 13 12 7	24 17 14 11 8	20 bd14 12 8 8	18 14 8 6 ab4	11 21 8 5 4	a9 bd12 a10 5 4	12 9 8 8 5
San Joaquin River Delta								
B9 5020.00 Antioch B9 5025.01 Antioch Bridge ** B9 5035.01 Jersey Island B9 5060.00 Threemile Slough B9 5045.01 False River B9 5100.00 San Andreas Landing B9 5031.01 Dutch Slough B9 5820.00 Mossdale Bridge	33 56 40 31 33 d23 70	32 58 37 29 34 28 a105	36 62 35 29 34 26 a106	a38 62 38 28 28 a26 110	36 51 42 28 32 420 22	38 48 44 25 36 19 a18	a44 47 a35 a21 d34 a17 a70 36	36 28 28 13 26 16 51 49

*Samples taken at four-day intervals approximately one and one-half hours after high high tide.

a Taken after low high tide.

b Taken on following day.

c Taken two days later.

d Taken over one hour off scheduled time.

e Taken on preceding day.

f Taken two days earlier.

** Chloride values computed from conductivity recorder.

TABLE D-7

SALINITY OBSERVATIONS AT BAY AND DELTA STATIONS*

In parts of chloride per million parts of water

Station	April 1967							
	2	6	10	14	18	22	26	30
EOF80352134 Crockett EO 3300.01 Martinez EO 3330.01 Port Chicago EO 3350.00 Nichols B9 1070.01 Pittsburg	2800 ae32 27 ae23 25	4280 2210 73 27	2900 a915 26 a18 abd25	1340 28	3000 a1780 21	3380 a1100 29 27 a26	1770 ad343 39 a20 a25	642 42 ae18 19 20
B9 1100.00 Collinsville B9 1120.01 Emmaton B9 1121.00 Threemile Slough Bridge B9 1210.01 Rio Vista Bridge B9 1600.01 Isleton Bridge	16	12	a8	14	10	a12 a8	12 4	8 10
B9 5020.00 Antioch B9 5025.01 Antioch Bridge** B9 5035.01 Jersey Island B9 5060.00 Threemile Slough B9 5045.01 False River B9 5100.00 San Andreas Landing B9 5031.01 Dutch Slough B9 5820.00 Mossdale Bridge	24	25	a27 29 23 abd28 19 a22 20 16 53 23	29 26 27 23 17 49 d19 a16 a36 11	27 32 a26 a12 5 37 a11 32 13	a24 26 a26 a12 15 12 11 23 22 bd22	23 22 a12 15 12 11 23 14	17 19 bd22
Station	May 1967							
	2	6	10	14	18	22	26	30
EOF80352134 Crockett EO 3300.01 Martinez EO 3330.01 Port Chicago EO 3350.00 Nichols B9 1070.01 Pittsburg	1270 26 d17 a22	3370 30 19	3040 a154 30 15	1780 228 18 15 19	a1400 a340 100	4000 2800 28 a12 a17	3130 a84 22 13	e2030 e954 e16 e12
B9 1100.00 Collinsville B9 1120.01 Emmaton B9 1121.00 Threemile Slough Bridge B9 1210.01 Rio Vista Bridge B9 1600.01 Isleton Bridge	a9	10	a9	11	a9 a8	a8 ad6	8 5	a7
B9 5020.00 Antioch B9 5025.01 Antioch Bridge ** B9 5035.01 Jersey Island B9 5060.00 Threemile Slough B9 5045.01 False River B9 5100.00 San Andreas Landing B9 5031.01 Dutch Slough B9 5820.00 Mossdale Bridge	a7 6 5	10 6 6	8 9 3	bd6 6 4	a11 9 6	a6 6 4	6 4 3	a12 5 5

*Samples taken at four-day intervals approximately one and one-half hours after high high tide.

a Taken after low high tide.

b Taken on following day.

c Taken two days later

d Taken over one hour off scheduled time.

e Taken on preceding day.

f Taken two days earlier.

** Chloride values computed from conductivity recorder.

TABLE D-7
SALINITY OBSERVATIONS AT BAY AND DELTA STATIONS *
In parts of chloride per million parts of water

Station	June 1967							
	2	6	10	14	18	22	26	30
EOB80352134 Crockett EO 3300.01 Martinez EO 3330.01 Port Chicago EO 3350.00 Nichols B9 1070.01 Pittsburg	3060 a850 526 a16	2850 a280 16 a16	1020 17 a15	abd719 18 12	a70 15 a13	a373 310 abd14	a1060 17 14 bd13	a335 el140 a18
B9 1100.00 Collinsville B9 1120.01 Emmaon B9 1121.00 Threemile Slough Bridge B9 1210.01 Rio Vista Bridge B9 1600.01 Isleton Bridge	a9 a5 a12 4 4	a10 ad7 a8 5 5	10 8 7 4 5	s11 abd8	a8 a7 a7 7 5	a18 8 6 6 4	8 8 7 4 5	a8 a6 a8 • 6 5
B9 5020.00 Antioch B9 5025.01 Antioch Bridge** B9 5035.01 Jersey Island B9 5060.00 Threemile Slough B9 5045.01 False River B9 5100.00 San Andreas Landing B9 5031.01 Dutch Slough B9 5820.00 Mosedale Bridge	a15 13 a13 a10 a12 a6 a16 10	a13 11 12 a10 a12 a11 a18 13	12 12 12 a10 11 10 18 12	a16 b12 a14 abd18 a12 a12 a18 b12	a17 12 12 abd18 a12 a12 a17 15	a13 11 12 a11 12 a13 16 13	13 11 14 10 12 12 17 11	a18 el2 a13 ad15 a6 11
Station	July 1967							
	2	6	10	14	18	22	26	30
EOB80352134 Crockett EO 3300.01 Martinez EO 3330.01 Port Chicago EO 3350.00 Nichols B9 1070.01 Pittsburg	a342 694 ad16	3440 337 27	2570 a40 57	al220 e763	5470 a422 2870 abd21	6130 2340 a28	6750 ad4760 1730 abd35	e7800 e4060 e3340 a106
B9 1100.00 Collinsville B9 1120.01 Emmaon B9 1121.00 Threemile Slough Bridge B9 1210.01 Rio Vista Bridge B9 1600.01 Isleton Bridge	a9 a8 a11 5 5	a7 a10 a7 6 5	12 11 a9 7 6	a10 a10 a8 e8 6	a13 a11 a9 7 5	d22 14 10 9 8	a22 a15 a10 8 7	a17 a13 a10 8 6
B9 5020.00 Antioch B9 5025.01 Antioch Bridge** B9 5035.01 Jersey Island B9 5060.00 Threemile Slough B9 5045.01 False River B9 5100.00 San Andreas Landing B9 5031.01 Dutch Slough B9 5820.00 Mosedale Bridge	a16 11 a16 all a13 a12 a17 10	14 11 a14 a11 a12 a12 18 11	14 9 13 ad11 12 11 17 15	a15 e10 a15 a11 a12 a9 a17 a24	a16 14 a12 a12 d12 a11 a15 27	22 17 16 a12 12 12 16 50	a23 17 a13 a12 ad12 ad12 a17 a66	a23 24 a13 a11 a12 a11 a17 a94

*Samples taken at four-day intervals approximately one and one-half hours after high high tide.

a Taken after low high tide.

b Taken on following day.

c Taken two days later.

d Taken over one hour off scheduled time.

e Taken on preceding day.

f Taken two days earlier.

** Chloride values computed from conductivity recorder.

TABLE D-7

SALINITY OBSERVATIONS AT BAY AND DELTA STATIONS*

In parts of chloride per million parts of water

Station	August 1967							
	2	6	10	14	18	22	26	30
FOB0352134 Crockatt FO 3300.01 Martinez FO 3330.01 Port Chicago EO 3350.00 Nichols B9 1070.01 Pittsburg	7200 5160 5810 1570 a200	10800 7170 a5780 3380 a270	10530 7320 e9520 e7650 e4970 e4360		Suisun Bay ed9690 7320 4970	10000 7930 ed3260 4120 a386	7310 a3780 2920 4360 a317	e8670 e6400 e3820 e2980 a211
B9 1100.00 Collinsville B9 1120.01 Emmaton B9 1121.00 Threemile Slough Bridge B9 1210.01 Rio Vista Bridge B9 1600.01 Isleton Bridge	a183 a22 all 8 7	a37 20 a13 9 8	a69 a35 a17 10 7		Sacramento River Delta a228 a43	a465 90	a228 a37	a158 abd28 a10 8
B9 5020.00 Antioch B9 5025.01 Antioch Bridge** B9 5035.01 Jersey Island B9 5060.00 Threemile Slough B9 5045.01 False River B9 5100.00 San Andreas Landing B9 5031.01 Dutch Slough B9 5820.00 Mossdale Bridge	a41 62 a16 a12 a14 a10 a19 104	a132 152 32 a11 16 a10 19 110	200 135 a2d13 d17 10 a19 a104	a103 175 a17 a11 a13 a18 a19 d103	San Joaquin River Delta a122 205 a25 a15 a14 a18 a9 103	233 200 a33 a14 20 a10 24 103	a118 150 bd17 a12 a14 a16 a10 a10 a105	a85 130 a21 a12 a16 a25 96
Station	September 1967							
	2	6	10	14	18	22	26	30
FOB0352134 Crockett CO 3300.01 Martinez FO 3330.01 Port Chicago EO 3350.00 Nichols B9 1070.01 Pittsburg	a6550 5480 2910 4870 a248	10400 6600 4570 3260 bd233	9410 a4920 3250 2180 a179	e9100 6780 a4870 3250 abd132	Suisun Bay 9020 a4870 1440 a75	7580 2520 83	7730 2270 a1180 59	8850 7950 3180 a63
B9 1100.00 Collinsville B9 1120.01 Emmaton B9 1121.00 Threemile Slough Bridge B9 1210.01 Rio Vista Bridge B9 1600.01 Isleton Bridge	a195 abd20	a246 34	a49 a38	a28 a20	Sacramento River Delta a26 18	a28 abd20	a30 a19	a24 a15
B9 5020.00 Antioch B9 5025.01 Antioch Bridge** B9 5035.01 Jersey Island B9 5060.00 Threemile Slough B9 5045.01 False River B9 5100.00 San Andreas Landing B9 5031.01 Dutch Slough B9 5820.00 Mossdale Bridge	172 147 a16 a11 a13 a8 a22 95	115 93 a24 9 d12 9 ad20 a99	a45 125 a14 a10 a12 a10 a17	a54 84 a16 a10 a12 a10 a16 103	San Joaquin River Delta a43 56 20 ad11 a12 10 16 98	42 48 18 a11 11 16 a94	a25 37 a13 a11 12 a16 a93	a34 42 a20 a11 a12 a11 a17 96

*Samples taken at four-day intervals approximately one and one-half hours after high high tide.

a Taken after low high tide.

b Taken on following day.

c Taken two days later.

d Taken over one hour off scheduled time.

e Taken on preceding day.

f Taken two days earlier.

** Chloride values computed from conductivity recorder.

TABLE D-8

**WATER TEMPERATURES
DAILY MAXIMUM and MINIMUM
(IN DEGREES FAHRENHEIT)**

WATER YEAR		STATION NO.	STATION NAME
1967	A 0 2105	Sacramento River at Sacramento Weir	

DAY	OCT.		NOV.		DEC.		JAN.		FEB.		MAR.		APR.		MAY		JUNE		JULY		AUG.		SEPT.		DAY	
	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.																				
1	68	66	58	56	51	49	45	45	49E	47E	50	50	53	52	54	53	61	60	71	70	73	72	71	71	71	1
2	67	65	58	56	53	52	46	45	47E	46E	50	50	52	52	56	54	60	58	71	71	72	71	71	71	71	2
3	66	65	58	57	52	51	46	45	48E	46E	52	51	52	52	56	56	58	56	56	72	71	72	71	71	71	3
4	66	65	58	57	51	51	45	45	49	49	52	51	52	52	57	56	56	56	56	72	72	72	71	71	71	4
5	65	64	58	56	51	50	45	45	49	49	51	51	52	51	57	57	55	55	72	71	72	72	71	70	70	5
6	65	64	56	55	50	49	45	45	50	49	51	51	52	52	58	57	57	55	71	71	72	71	70	70	70	6
7	65	64	55	54	49	48	45	45	51E	50E	51	51	51	50	59	58	58	57	72	71	72	71	70	70	70	7
8	65	64	55	54	49	48	45	45	50E	49E	52	52	51	50	60	59	59	58	72	70	72	71	70	69	69	8
9	65	63	54	53	50	49	45	45	49E	49E	53	52	51	50	60	60	61	60	71	70	71	70	69	69	69	9
10	65	63	53	52	50	50	45	45	50E	46E	54	54	52	51	60	58	62	61	72	70	70	69	69	69	10	
11	64	63	54	53	50	50	45E	45E	48	48	54	54	52	52	58	57	63	62	73	72	70	70	69	69	11	
12	63	62	54	53	51	50	46E	45E	49	48	54	53	52	51	57	56	63	63	72	71	70	70	69	69	12	
13	62	60	54	54	51	51	46	45	49	49	54	53	51	50	56	56	63	63	72	72	71	70	69	68	12	
14	60	59	54	54	51	50	47	46	50	49	53	52	51	50	57	56	63	62	72	71	72	71	68	68	14	
15	59	57	55	54	51	50	47	47	50	49	52	51	51	51	58	57	62	62	72	72	73	72	68	68	15	
16	57	56	55	55	51	51	48	47	49	48	52	51	51	51	60	58	64	63	71	71	72	71	67	67	16	
17	57	55	55	54	51	50	48	48	48	48	53	52	52	51	60	60	65	64	71	71	72	71	67	67	17	
18	56	55	55	55	50	49	48	46	48	48	53	53	51	50	61	60	65	65	71	70	73	72	67	67	18	
19	57	55	55	55	49	49	46	46	49	48	53	53	50	50	61	60	65	64	70	69	72	72	67	67	19	
20	58	55	55	54	49	48	46	46	49	49	54	53	49	49	61	60	65	64	71	70	72	72	67	66	20	
21	57	56	55	52	48	47	46	45	49	49	54	54	49	49	62	61	65	64	72	71	72	72	66	66	21	
22	57	55	53	51	48	47	46	45	49	48	54	54	50	49	63	63	66	65	73	72	72	72	66	66	22	
23	57	56	51	50	48	48	46	45	48	48	54	54	51	50	63	63	66	66	72	72	72	71	67	67	22	
24	57	55	50	49	48	47	46	44	48	48	55	54	51	51	63	63	66	66	73	73	71	71	67	67	24	
25	58	56	49	48	47	46	44	44	48	48	55	54	52	51	63	62	66	66	73	73	71	71	67	67	25	
26	59	57	48	48	46E	46E	44	44	49	48	54	54	52	52	62	62	67	66	73	73	72	71	67	67	26	
27	59	57	48	47	46E	46E	45	44	49	49	55	54	53	52	62	61	68	68	74	73	72	72	67	67	27	
28	59	57	49	48	46E	45E	46	45	50	49	56	55	54	53	61	60	68	68	74	73	72	72	66	66	28	
29	59	58	50	49	45	45	45	48	46		55	54	53	53	61	61	69	68	73	73	72	71	67	66	29	
30	58	57	50	49	45	45	45	49	48	48	54	54	53	53	61	61	70	69	74	73	72	71	66	65	30	
31	58	56			45	45	45	45E	49E	49E	54	53	53	53			74	73	71	71				31		
Avg.	6	D			5	3			4	9			4	6			4	9			5	3			6	8
MAX. MIN.	68		58		47	53			49	44			51E	46E	56	50	54	49	63	70	74	69	73	70	71	65

E Estimated

Station located 100 feet below weir, 4 miles northwest of Sacramento.

YEARLY EXTREMES

MAXIMUM			MINIMUM		
TEMPERATURE	MD	DAY	TEMPERATURE	MD	DAY
74	July	30, 31	44	Jan.	24-27

LOCATION	LATITUDE	LONGITUDE	14 SEC. T. & R B & M.	MAXIMUM TEMPERATURE OF RECORD		MINIMUM TEMPERATURE OF RECORD		PERIOD OF RECORD	
				DATE	DATE	DATE	FROM	TO	
38 36 09	121 33 12	NE 29 9N 4E		76	July 5, 1965	43	January 3, 1965	Nov. 14, 1964	Present

TABLE E-8

**WATER TEMPERATURES
DAILY MAXIMUM and MINIMUM
(IN DEGREES FAHRENHEIT)**

WATER YEAR		STATION NO.	STATION NAME
1967	A 0 2170	Sacramento River at Fremont Weir, West End	

DAY	OCT.		NOV.		DEC.		JAN.		FEB.		MAR.		APR.		MAY		JUNE		JULY		AUG.		SEPT.		DAY
	MAX.	MIN.	MAX.	MIN.	MAX.																				
1	65	65	57	57	55	55	48E	48E	50E	50E	50E	50E	52	50	54	54	60	59	72	71	72	71	68	68	1
2	65	64	57	57	55	55	48E	48E	50E	50E	50E	50E	50	55	54	59	72	71	72	71	68	68	2	68	68
3	64	64	57	57	54E	53E	48E	48E	50E	50E	50E	50E	50	49	56	55	57	56	72	71	72	71	68	68	3
4	64	64	57	57	52E	51E	48E	48E	50E	50E	50E	50E	50	49	57	56	56	56	73	72	72	71	68	68	4
5	64	64	57	57	50E	50E	48E	47E	50E	50E	50E	50E	52	50	57	57	58	56	72	71	72	71	68	68	5
6	64	63	57	56	49E	48E	47	46	50E	50E	50E	50E	52	52	57	57	59	58	72	71	71	71	68	67	6
7	63	63	56	56	48E	47E	46	46	50E	50E	50E	50E	50	52	58	57	60	59	72	71	71	71	67	67	7
8	63	62	56	55	47E	47E	46	46	50E	50E	50E	50E	51	50	52	52	60	58	60	60	71	70	71	67	8
9	63	62	55	54	47E	47E	46	46	50E	50E	50E	50E	52	52	52	52	61	60	61	60	70	70	71	67	9
10	64	64	54	54	47E	47E	46	46	50E	50E	50E	50E	53	52	52	52	61	60	63	61	70	70	70	66	10
11	64	64	53	53	47E	47E	46	46	50E	50E	50E	50E	53	53	53	52	60	59	64	63	71	70	70	66	11
12	64	63	53	53	48E	48E	46	46	50E	50E	50E	50E	53	52	59	58	64	64	72	70	70	70	66	66	12
13	63	60	53	53	48E	48E	47	46	50E	50E	50E	50E	52	50	52	52	58	57	64	64	72	70	70	66	13
14	61	60	53	53	48E	48E	48	47	50E	50E	50E	50E	50	48	52	52	57	57	64	63	72	71	70	66	14
15	60	58	54	53	48E	48E	48	48	50E	50E	50E	50E	48	48	52	52	59	59	64	63	73	71	71	66	15
16	58	56	54	54	49E	49E	48	48	50E	49E	49E	49E	49	48	52	52	61	59	64	64	73	72	71	66	16
17	57	56	54	54	49E	49E	48	48	50E	50E	50E	50E	50	49	52	51	62	61	67	66	72	71	70	66	17
18	57	57	54	54	49E	49E	48	48	49E	49E	49E	49E	52	50	51	51	64	62	68	67	72	70	70	65	18
19	57	57	54	54	49E	49E	48	48	49E	49E	49E	49E	52	52	52	52	64	64	68	67	71	70	72	65	19
20	57	57	54	54	49E	49E	48	48	49E	49E	49E	49E	53	52	51	50	64	64	68	67	72	70	71	65	20
21	57	57	54	53	49E	49E	48	47	49E	49E	49E	49E	53	53	50	50	65	64	68	67	72	71	71	65	21
22	57	57	53	52	49E	49E	47	47	49E	49E	49E	49E	53	53	51	50	65	64	68	68	72	71	71	66	22
23	57	57	52	51	49E	49E	47	46	49E	49E	49E	49E	53	53	51	51	64	64	68	68	71	70	70	66	23
24	56	56	51	50	49E	49E	46	46	49E	49E	49E	49E	53	53	51	51	64	64	68	68	71	70	69	66	24
25	57	56	50	50	49E	49E	45	44	49E	49E	49E	49E	54	53	52	51	63	62	68	67	72	70	70	66	25
26	57	57	51	51	49E	49E	44	44	49E	49E	49E	49E	54	54	53	52	62	61	68	67	72	71	70	66	26
27	58	58	51	51	49E	49E	44	44	49E	49E	49E	49E	54	53	53	53	62	61	68	68	72	71	70	65	27
28	58	58	52	52	49E	49E	44	44	49E	49E	49E	49E	53	53	54	53	61	61	69	70	72	71	69	65	28
29	57	57	53	52	48E	48E	46	45	49E	49E	49E	49E	53	53	54	54	60	60	66	71	70	72	71	69	29
30	57	57	55	54	48E	48E	49	47	49E	49E	49E	49E	53	53	52	54	60	60	66	71	70	72	71	69	30
31	57	57	55	54	48E	48E	50	49					52	52	52	52	60	60	66	72	71	69	68	68	31
Avg.	60	54	49E	47E	50	44	50E	49E	54	48	54	49	54	49	65	54	71	70	74	71	70	70	66	Avg.	
Max.	65	56	57	50	55	47E	50	44	50E	49E	54	48	54	49	65	54	71	56	73	70	72	68	68	65	Max.
Min.																									Min.

E Estimated

YEARLY EXTREMES

MAXIMUM			MINIMUM		
TEMPERATURE	MO	DAY	TEMPERATURE	MO	DAY
73	July	15, 16	44	Jan.	25-28

LOCATION		MAXIMUM TEMPERATURE OF RECORD		MINIMUM TEMPERATURE OF RECORD		PERIOD OF RECORD		
LATITUDE	LONGITUDE	B. & M.	DATE		DATE	FROM	TO	
38 45 34	121 39 59	NW 32 LN 3E	73	July 4, 1967	44	Many	June 23, 1965	Present

Station located 0.1 mile west of Weir, 4.0 miles southeast of Knights Landing.

TABLE D-8

**WATER TEMPERATURES
DAILY MAXIMUM and MINIMUM
(IN DEGREES FAHRENHEIT)**

WATER YEAR		STATION NO.	STATION NAME
1967		A 0 5135	Feather River at Yuba City

DAY	OCT.		NOV.		DEC.		JAN.		FEB.		MAR.		APR.		MAY		JUNE		JULY		AUG.		SEPT.		DAY		
	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.																					
1	71	69	62E	60E	50	49	NR	NR	47	46	48	47	45	43	51	49	56	53	70	69	78	77	76	76	76	76	1
2	70	67	62E	60E	50	50	NR	NR	46	46	48	47	46	44	52	50	53	51	71	70	78	77	76	75	75	75	2
3	68	66	62E	60E	50	49	NR	NR	46	46	48	47	47	44	54	52	NR	NR	71	70	78	78	76	75	75	75	3
4	68	65	61E	59E	49	48	NR	NR	46	46	48	46	48	46	54	53	NR	NR	71	71	78	78	75	75	75	75	4
5	68	66	60E	58E	NR	NR	NR	NR	46	46	47	46	46	46	55	53	NR	NR	71	71	79	79	75	74	74	74	5
6	68	66	58E	56E	NR	NR	NR	NR	47	46	47	46	46	45	55	54	58	57	NR	NR	79	79	74	74	74	74	6
7	67	65	58	56	NR	NR	NR	NR	46	46	47	46	46	45	55	53	58	55	NR	NR	79	78	74	74	74	74	7
8	68	65	57	54	NR	NR	NR	NR	46	45	47	46	46	45	56	54	60	57	NR	NR	78	78	73	72	72	72	8
9	68	66	55	52	NR	NR	NR	NR	45	45	48	46	50	48	56	54	59	58	NR	NR	78	78	72	72	72	72	9
10	68	66	55	53	NR	NR	NR	NR	45	45	48	47	50	48	53	52	59	57	NR	NR	78	78	71	71	71	71	10
11	67	65	56	55	NR	NR	NR	NR	46	45	47	47	49	48	51	49	59	57	NR	NR	78	78	71	70	71	70	11
12	65	63	57	56	NR	NR	NR	NR	46	45	47	46	48	46	49	47	59	57	NR	NR	79	78	71	70	71	70	12
13	63	59	57	57	NR	NR	NR	NR	47	46	46	45	50	47	48	46	59	56	NR	NR	79	79	71	71	71	71	13
14	59	56	57	56	NR	NR	NR	NR	47	45	45	45	49	48	49	46	59	56	NR	NR	79	79	71	71	71	71	14
15	59	57	56	56	NR	NR	NR	NR	46	44	46	45	49	48	50	48	60	58	75	74	79	79	71	71	71	71	15
16	59	57	56	55	NR	NR	NR	NR	45	43	48	46	49	47	53	51	62	58	75	75	79	79	71	71	71	71	16
17	59	57	55	54	NR	NR	NR	NR	44	43	48	46	49	47	55	54	62	60	76	76	79	79	71	70	70	70	17
18	60	58	54	54	NR	NR	NR	NR	44	43	48	47	47	46	57	56	62	60	76	75	79	79	70	69	70	69	18
19	59	58	54	54	NR	NR	NR	NR	45	43	48	46	48	46	59	58	62	60	75	74	79	79	70	70	70	70	19
20	60	59	55	54	NR	NR	NR	NR	45	43	48	47	47	46	59	58	63	60	75	75	79	79	69	69	69	69	20
21	59	56	54	52	NR	NR	NR	NR	45	43	50	48	48	46	60	58	63	61	75	75	79	79	69	69	69	69	21
22	57	53	52	50	NR	NR	NR	NR	45	43	50	49	48	46	60	58	64	62	75	75	79	79	69	69	69	69	22
23	60	56	51	50	NR	NR	NR	NR	45	43	50	50	48	47	61	59	64	62	75	75	78	78	70	70	70	70	23
24	62	59	51	50	NR	NR	NR	NR	43	43	45	43	50	49	48	47	61	59	64	61	75	75	NR	NR	69	69	24
25	63	61	50	50	NR	NR	NR	NR	43	42	45	44	49	47	48	47	60	59	65	63	75	75	NR	NR	69	68	25
26	64	62	50	50	NR	NR	NR	NR	43	43	45	45	48	47	49	49	60	59	66	64	75	75	NR	NR	69	68	26
27	64	61	50	50	NR	NR	NR	NR	44	43	47	45	47	46	50	49	59	57	66	64	75	75	NR	NR	68	68	27
28	62	60	51	50	NR	NR	NR	NR	46	44	47	46	46	45	50	48	59	57	68	65	75	75	NR	NR	69	68	28
29	62	59	51	49	NR	NR	NR	NR	47	46	47	46	47	46	51	49	59	57	68	67	76	75	NR	NR	69	69	29
30	61	59	51	49	NR	NR	NR	NR	47	47	48	45	48	45	50	48	57	56	69	68	77	76	NR	NR	NR	NR	30
31	62	59	49	48	NR	NR	NR	NR	47	47	45	45	45	45	57	55	57	55	78	77	76	76	76	76	76	76	31
Avg.	62	55	NR	NR	NR	NR	NR	NR	45	45	47	47	47	47	55	55	61	61	74E	78E	71	AVG.					
MAX. MIN.	71	53	62	48	NR	NR	NR	NR	47	43	50	45	51	43	61	46	69E	78E	79E	76E	76	68	MAX. MIN.				

E Estimated
NR No record (No record in December and January due to probe being covered over with sand.)

YEARLY EXTREMES

MAXIMUM		MINIMUM	
TEMPERATURE	MO.	TEMPERATURE	MO.
79	Aug.	NR	Day

LOCATION	LATITUDE	LONGITUDE	1/4 SEC T. & R. B & M.	MAXIMUM TEMPERATURE OF RECORD		MINIMUM TEMPERATURE OF RECORD		PERIOD OF RECORD	
				DATE	DATE	DATE	DATE	FROM	TO
39 08 27	121 36 25	NW 23 15N 3E		89	July 29, 1964	38	January 1965	July 22, 1964	Present

Station located 1,000 feet upstream from Sacramento Northern Railroad Bridge.

TABLE D-8

**WATER TEMPERATURES
DAILY MAXIMUM and MINIMUM
(IN DEGREES FAHRENHEIT)**

WATER YEAR		STATION NO	STATION NAME
1967	B 9 1700	Sacramento River at Walnut Grove	

DAY	OCT.		NOV.		DEC.		JAN.		FEB.		MAR.		APR.		MAY		JUNE		JULY		AUG.		SEPT.			
	MAX.	MIN.	MAX.	MIN.																						
1	69	68	60	59	53	49	49	42	47	47	50	49	52	51	55	54	63	63	72	66	74	70	72	71	1	
2	68	68	60	59	53	49	49	42	48	48	50	49	52	51	55	54	62	62	72	66	74	70	72	71	2	
3	67	67	60	59	53	50	49	42	48	48	50	50	51	50	55	55	62	62	71	65	74	70	72	71	3	
4	67	67	60	59	53	51	48	41	48	48	50	50	51	50	56	55	62	62	71	66	73	70	72	71	4	
5	67	67	60	59	53	51	48	42	48	48	51	50	51	51	57	56	62	62	71	67	73	70	72	71	5	
6	67	67	59	58	52	50	48	42	48	48	51	51	51	51	58	57	62	62	72	67	73	70	71	71	6	
7	67	66	58	56	52	49	48	41	48	48	51	51	52	51	58	57	62	62	72	68	73	70	71	71	7	
8	67	67	58	56	51	49	48	42	48	48	51	51	52	51	59	57	62	62	72	68	73	70	70	70	8	
9	67	67	57	55	51	49	48	41	48	48	51	51	52	52	60	58	63	62	72	68	73	70	69	69	9	
10	67	67	57	54	51	50	48	41	48	47	51	51	52	52	60	58	63	62	72	68	73	70	69	69	10	
11	67	67	56	53	51	49	49	42	48	48	51	51	52	52	60	60	64	63	73	68	72	70	68	68	11	
12	67	67	56	52	51	48	49	43	48	48	51	51	52	52	60	60	65	64	75	69	72	70	65	68	12	
13	67	66	56	52	49	48	49	43	48	48	51	51	51	51	60	60	65	64	75	69	73	70	68	68	13	
14	66	64	56	53	49	48	49	44	49	48	51	51	51	51	60	60	65	64	75	69	74	70	68	68	14	
15	64	63	55	54	49	49	49	46	49	49	51	51	51	51	60	60	66	64	75	70	74	71	68	68	15	
16	63	62	55	54	50	50	50	47	49	48	51	50	51	51	61	60	66	64	75	73	75	72	67	67	16	
17	62	60	56	54	50	50	51	47	49	48	52	51	51	51	62	60	66	64	75	71	75	72	67	67	17	
18	61	59	56	55	50	49	52	48	49	48	52	51	51	51	62	61	68	65	75	71	75	72	67	67	16	
19	60	58	56	54	50	48	52	48	48	50	48	53	53	51	63	61	68	65	74	69	75	72	67	67	19	
20	60	59	56	54	51	47	52	47	50	48	53	53	51	51	64	62	67	65	74	70	75	72	67	67	20	
21	60	58	56	53	51	45	50	46	49	48	53	53	51	51	63	61	66	64	74	70	74	72	66	66	21	
22	59	58	56	54	51	46	51	48	49	48	53	51	50	50	63	61	67	64	75	70	75	72	66	66	22	
23	59	57	56	53	50	45	51	48	49	47	53	53	51	51	65	62	68	65	74	71	75	72	66	66	23	
24	59	57	55	52	50	44	49	47	49	47	54	54	51	51	65	63	68	65	73	69	74	71	66	66	24	
25	58	58	55	50	50	44	49	47	49	47	54	54	53	53	65	63	68	65	73	69	74	71	66	66	25	
26	58	58	55	48	49	43	49	48	49	47	53	53	53	53	64	63	68	65	74	69	74	71	66	66	26	
27	58	58	54	47	49	42	48	46	50	48	53	53	53	53	64	63	68	65	74	69	74	71	66	66	27	
28	58	58	53	47	50	42	48	47	50	49	53	53	53	53	63	63	69	65	75	69	73	71	66	66	28	
29	58	58	52	48	49	41	48	48			53	53	53	53	63	63	68	70	75	70	73	71	66	66	29	
30	59	59	53	49	49	41	48	48			52	52	54	53	63	63	71	64	74	69	72	70	66	66	30	
31	60	59	49	41	47	47					52	52	52	52	63	63	68	74	70	72	71			31		
Avg.	63		55		49		47		48		52		52		60		60		65		71		72		68	Avg
Max.	69		60		53		41		52		50		47		54		54		65		71		75		72	Max
Min.		57		47															54						Min	

YEARLY EXTREMES

MAXIMUM			MINIMUM		
TEMPERATURE	MO	DAY	TEMPERATURE	MO	DAY
75	July	Many	41	Aug.	Many

LOCATION			MAXIMUM TEMPERATURE OF RECORD		MINIMUM TEMPERATURE OF RECORD		PERIOD OF RECORD	
LATITUDE	LONGITUDE	1 4 SEC. T. & R. B & M.	DATE	DATE	FROM	TO		
38 14 22	121 30 57	SW35 5N 4E	79 79 for many days		40	Dec. 24, 1965	January 15, 1964	Present

TABLE D-8

**WATER TEMPERATURES
DAILY MAXIMUM and MINIMUM
(IN DEGREES FAHRENHEIT)**

WATER YEAR		STATION NO.	STATION NAME
1967		B 9 5340	Old River at Clifton Court Ferry

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
	MAX.	MIN.	MAX.										
1	NR		62		NR		NR		59	57	NR		75
2	NR		62		54		NR		61	59	NR		75
3	NR		62		54		NR		62	60	59		75
4	NR		61		54		NR		60	59	76		76
5	69		61		54		NR		60	60	76		78
6	66		61		54		NR		60	60	76		78
7	65		58		54		48		60	60	76		78
8	65		57		54		48		62	60	76		78
9	67		54		54		48		63	62	75		74
10	67		54		54		48		66	63	74		72
11	67		54		54		48		66	66	76		73
12	66		55		54		49		66	66	78		71
13	62		55		54		49		66	66	79		73
14	NR		56		NR		47		66	66	82		73
15	NR		56		NR		47		68	66	83		74
16	NR		56		NR		47		70	68	83		72
17	NR		NR		48		50		73	70	83		73
18	68		NR		NR		48		73	73	83		72
19	65		NR		NR		48		73	73	77		74
20	64		NR		49		NR		73	72	75		74
21	64		NR		48		NR		54	54	NR		75
22	64		NR		47		NR		54	53	NR		75
23	NR		NR		46		NR		53	53	NR		76
24	NR		NR		46		NR		53	53	NR		76
25	NR		NR		46		NR		53	53	NR		76
26	NR		NR		NR		NR		53	53	NR		75
27	61		NR		NR		NR		55	53	NR		75
28	62		NR		NR		NR		55	55	NR		76
29	62		NR		NR		NR		56	55	NR		76
30	62		NR		NR		NR		57	56	NR		77
31	62		NR		NR		NR				79		75
Avg.	65		58		52						77		75
Max.											83		MAX.
Min.											73		MIN.

YEARLY EXTREMES

MAXIMUM			MINIMUM		
TEMPERATURE	MO.	DAY	TEMPERATURE	MO.	DAY
83	July	15-18 Many	NR		

LOCATION			MAXIMUM TEMPERATURE OF RECORD		MINIMUM TEMPERATURE OF RECORD		PERIOD OF RECORD	
LATITUDE	LONGITUDE	14 SEC. T. & R B. & M	DATE	DATE	DATE	FROM	TO	
37 49 28	121 33 05	SE 20 LS 4E	83	July 25, 1964	43	October 18, 1963	Present	

Station located approximately 2,000' below junction with Grant Line Canal.

TABLE D-8

**WATER TEMPERATURES
DAILY MAXIMUM and MINIMUM
(IN DEGREES FAHRENHEIT)**

WATER YEAR		STATION NO.	STATION NAME
1967	B 9 5620	San Joaquin River at Rindle Pump	

DAY	OCT.		NOV.		DEC.		JAN.		FEB.		MAR.		APR.		MAY		JUNE		JULY		AUG.		SEPT.		DAY
	MAX.	MIN.	MAX.	MIN.	MAX.																				
1	76	74	65	64	56	56	46	45	54	54	53	52	54	52	56	53	64	62	74	72	83	81	78	75	1
2	76	74	65	63	56	55	45	44	54	54	52	52	54	52	58	55	61	58	76	73	82	80	79	76	2
3	76	73	64	63	56	55	45	44	53	53	52	52	54	52	59	56	57	56	75	73	82	80	80	78	3
4	75	72	64	62	56	55	45	44	52	52	52	54	53	52	61	58	57	56	75	73	84	80	79	77	4
5	74	72	64	62	55	54	45	45	52	52	54	53	53	52	61	60	57	57	75	73	84	80	79	77	5
6	73	70	63	61	54	53	45	44	52	51	56	54	52	52	63	61	58	57	75	74	83	79	80	78	6
7	70	66	61	59	54	52	45	43	51	51	57	55	52	52	65	62	60	58	74	73	83	80	80	78	7
8	71	67	59	58	52	51	45	44	50	50	57	56	55	52	67	64	61	59	74	72	82	80	78	76	8
9	72	69	59	58	52	51	45	45	50	49	57	56	55	55	66	66	63	61	73	72	80	78	78	74	9
10	72	71	58	58	52	51	45	44	49	48	57	55	56	55	66	65	66	61	73	72	79	76	79	75	10
11	71	70	59	58	53	52	46	45	49	48	56	55	56	55	66	65	67	65	77	72	79	75	78	75	11
12	71	69	59	58	53	53	46	45	48	47	56	55	57	54	64	63	66	64	80	75	81	76	79	76	12
13	68	63	60	60	58	58	47	46	49	48	54	53	55	54	63	61	66	64	81	77	79	77	77	76	13
14	68	61	60	59	52	52	48	47	49	48	56	55	56	52	63	61	67	64	83	78	81	78	77	75	14
15	66	64	59	58	51	51	48	47	47	47	55	54	56	55	66	62	70	65	85	80	79	78	75	74	15
16	65	62	59	58	51	51	48	47	47	46	55	53	56	54	71	65	70	67	85	82	80	77	75	74	16
17	65	60	60	59	51	51	47	46	49	47	51	55	55	54	75	69	74	69	83	80	82	78	75	74	17
18	66	61	60	59	52	51	47	47	49	48	57	56	55	54	78	73	74	72	83	80	83	79	75	74	18
19	65	61	60	59	51	51	50	47	47	50	49	57	55	54	53	79	75	74	72	83	80	83	79	78	19
20	64	62	59	58	51	49	47	47	51	49	57	55	53	52	79	76	73	71	82	80	81	78	79	75	20
21	64	61	59	58	51	51	48	47	51	48	57	56	53	52	80	77	71	71	80	79	82	77	78	76	21
22	63	59	58	57	49	48	49	47	50	49	57	56	51	51	82	79	71	69	79	79	83	79	76	75	22
23	65	62	57	56	47	47	49	49	50	49	57	56	51	51	83	80	70	69	77	71	81	79	77	75	23
24	66	64	56	55	48	48	48	48	50	50	57	56	51	51	82	80	71	69	79	76	81	79	77	75	24
25	65	64	56	55	47	47	49	48	48	50	57	56	51	50	80	77	71	69	79	76	81	78	76	74	25
26	65	64	56	55	47	46	49	49	51	50	57	56	54	51	77	74	71	69	82	77	83	78	76	74	26
27	65	63	55	54	46	45	50	48	52	49	58	56	54	51	72	70	71	69	82	79	80	78	77	75	27
28	64	63	55	53	45	44	51	50	53	52	58	56	55	53	70	68	71	69	82	78	78	76	77	76	28
29	64	63	56	55	45	44	52	50	56	54	54	53	59	57	67	72	70	82	79	80	74	77	76	29	
30	65	64	56	56	46	45	54	52	55	53	53	56	52	59	66	63	73	71	82	79	79	77	76	75	30
31	65	64	46	45	54	54	54	55	55	53	53	55	55	55	66	63	63	63	83	80	78	76	76	75	31
Avg.	67	59	50	47	50	50	47	50	50	50	55	55	53	53	68	66	66	66	78	80	80	80	80	Avg.	
Max.	76	65	56	54	54	43	54	46	58	52	57	50	53	50	83	53	74	56	83	72	84	74	80	74	Max.
Min.	59	53	44	43	43	43	46	46	50	50	57	50	53	50	83	53	74	56	83	72	84	74	80	74	Min.

YEARLY EXTREMES

MAXIMUM			MINIMUM		
TEMPERATURE	MO	DAY	TEMPERATURE	MO	DAY
84	Aug.	4, 5	43	Jan.	7

LOCATION			MAXIMUM TEMPERATURE OF RECORD		MINIMUM TEMPERATURE OF RECORD		PERIOD OF RECORD	
LATITUDE	LONGITUDE	14 SEC T. & R B & M	DATE	DATE	FROM	TO		
37 59 51	121 25 06	NW 27 2N 5E	85	August 4-5, 1966	40	Dec. 23-24, 1965	January 7, 1965	Present

Station located on Rindle Tract at Fourteen Mile Slough near junction with Stockton Ship Channel, 8 mi. N.W. of Stockton

Appendix E

GROUND WATER QUALITY

INTRODUCTION

This appendix presents ground water quality data collected during the period from October 1, 1966, through September 30, 1967. The data were collected from a number of major ground water sources in Northeastern California in cooperation with other state, local, and federal agencies. During the 1967 water year, 657 wells were sampled in 38 ground water basins and subbasins or subareas.

At the time of field sampling, pH and temperature measurements are normally made. Comments on current conditions are noted in field books which are available in the files of the Department of Water Resources.

Laboratory analyses of ground waters were performed in accordance with "Standard Methods for the Examination of Water and Waste Water", 12th Edition, American Public Health Association, New York, N. Y.

The Region and Basin and State Well Numbering Systems are described in Appendix C, "Ground Water Measurements".

INDEX OF MONITORED AREAS

<u>Basin Number</u>	<u>Basin Name</u>	<u>Page</u>
CENTRAL VALLEY REGION (No. 5)		
5- 1.00	Goose Lake Valley	629
5- 2.00	Alturas Basin	629
5- 4.00	Big Valley	630
5- 5.00	Fall River Valley	630
5- 6.00	Redding Basin	631
5- 7.00	Lake Almanor Valley	632
5- 9.00	Indian Valley	632
5-10.00	American Valley	632
5-11.00	Mohawk Valley	633
5-12.00	Sierra Valley	633
5-13.00	Upper Lake Valley	634
5-15.00	Kelseyville Valley	634
5-16.00	High Valley	635
5-17.00	Burns Valley	635
5-18.00	Coyote Valley	635
5-19.00	Collayomi Valley	636
5-21.00	Sacramento Valley	636
5-21.01	Tehama County	636
5-21.02	Glenn County	637
5-21.03	Butte County	638
5-21.04	Colusa County	639
5-21.05	Sutter County	641
5-21.06	Yuba County	643
5-21.07	Placer County	643
5-21.08	Sacramento County	644
5-21.09	Yolo County	645
5-21.10	Capay Valley	653
5-21.11	Solano County	654
5-22.00	San Joaquin Valley	655
5-22.01	San Joaquin County	655
LAHONTAN REGION (No. 6)		
6- 1.00	Surprise Valley	655
6- 2.00	Madeline Plains	656
6- 3.00	Willow Creek Valley	657
6- 4.00	Honey Lake Valley	657
6- 5.01	South Tahoe Valley	659
6- 5.02	North Tahoe Valley	659
6- 6.00	Diamond Valley (Carson Valley)	659
6- 7.00	Antelope Valley (Topaz Valley)	660
6- 8.00	Bridgeport Valley	660
6-67.00	Martis Valley (Truckee Valley)	660

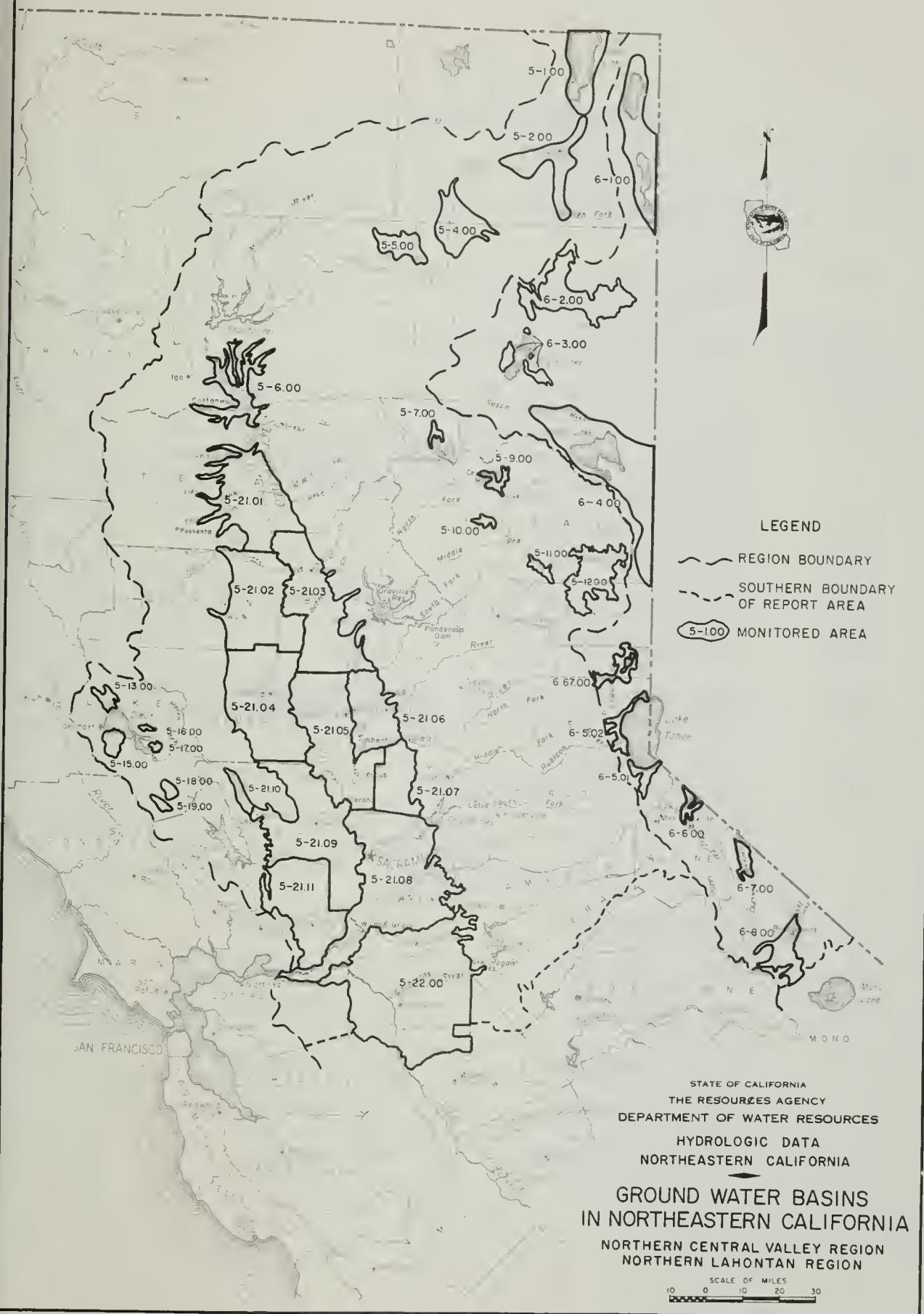


TABLE E-1
MINERAL ANALYSES OF GROUND WATER

An explanation of the column headings follows:

LAB	5050	Department of Water Resources
	5816	Field Determination
SAMPLER	5050	Department of Water Resources
TEMP		Water temperature at the time of field sampling
PH		Hydrogen-ion concentration representing acidity and alkalinity with 7 being neutral, numbers less than 7 increasing acidity, and numbers greater than 7 increasing alkalinity
LAB		Laboratory analysis
FLD		Field determination
EC		Electrical conductivity in micromhos times 10^6 at 25° C.
LAB		Laboratory analysis
FLD		Field determination
TDS		Total dissolved solids determined by gravimetric methods
SUM		Total dissolved solids by addition of analyzed constituents
TH		Total hardness
NCH		Noncarbonate hardness

CHEMICAL SYMBOLS

CA	Calcium	SO ₄	Sulfate
MG	Magnesium	CL	Chloride
NA	Sodium	NO ₃	Nitrate
K	Potassium	F	Fluoride
CO ₃	Carbonate	B	Boron
HCO ₃	Bicarbonate	SiO ₂	Silica

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATION	WELL NUMBER	DATE	TIME	TEMP	PK LAH FLU	EC LAB FLD	CA	MG	NA	K	MILLIGRAMS PER LITER				MILLIGRAMS PER LITER				
											CUB ₃	HCO ₃	SO ₄	CL	NH ₃	F	d	SiO ₂	TDS
GUOUSE LAKE VALLEY S= 1.00																			
48N/13F-20J01 M		08/14/67	1220	59.0F	--	572	--	--	--	--	--	--	--	--	--	--	--	--	--
48N/14F-23K01 M		08/14/67	1100	59.0F	8.1	242	--	--	.16	.70	--	0.0	133	--	1.9	--	--	--	91
47N/13F-07J01 M		08/14/67	1300	62.0F	8.3	211	--	--	.14	.61	--	0.0	131	--	1.9	--	--	--	79
47N/14F-02J01 M		08/14/67	0930	62.0F	--	202	--	--	--	--	--	--	--	--	--	--	--	--	--
47N/14F-14H02 M		08/14/67	0930	63.0F	8.2	151	--	--	.61	.27	--	--	--	--	1.3	--	--	--	68
46N/14F-32J01 M		08/14/67	0930	63.0F	7.7	175	--	--	.11	.48	--	--	--	--	.9	--	--	--	58
45N/13F-12L01 M		08/14/67	1410	74.0F	8.1	316	--	--	.55	2.39	--	--	--	--	.6	--	--	--	44
44N/13F-36A01 M		08/14/67	0400	64.0F	8.2	190	--	--	.25	1.09	--	0.0	100	--	4.0	--	--	--	42
44N/14F-07K01 M		08/14/67	0830	54.0F	--	349	--	--	--	--	--	--	--	--	--	--	--	--	--
ALTURAS BASIN S= 2.00																			
42N/11F-19E01 M		08/14/67	1740	--	--	476	--	--	--	--	--	--	--	--	--	--	--	--	--
42N/11F-24A01 M		08/14/67	1030	64.0	7.9	211	--	--	.14	.61	--	--	--	--	.4	--	--	--	60
42N/12F-11J01 M		08/14/67	1230	64.5F	8.3	348	.40	.13	.18	.0.1	0.0	191	.20	.9.7	.4.2	--	0.0	221	155
42N/13F-31G01 M		08/14/67	1302	61.5F	8.6	591	--	--	105	4.57	--	--	--	--	.7	.19	--	--	91
42N/13F-32G01 M		08/14/67	1330	--	8.5	371	--	--	.29	1.20	--	--	--	--	.7	.10	--	--	124
41N/11F-01F01 M		08/14/67	1650	84.5F	8.0	281	1.9	0.4	.58	.15	0.0	100	.29	.17	0.0	--	0.+	222	6
41N/11F-02J01 M		08/14/67	1710	62.0F	8.0	277	--	--	.39	1.70	--	--	--	--	4.8	.25	--	--	37
41N/12F-15M01 M		08/14/67	1430	71.5F	8.2	224	--	--	.30	1.31	--	--	--	--	.7	.19	--	--	39
41N/13F-18P01 M		08/14/67	1410	59.0F	8.3	1040	--	--	.25	1.09	--	--	--	--	.4	.39	--	--	530
40N/12F-11F01 M		08/14/67	1465	--	8.2	162	--	--	.21	.91	--	--	--	--	.8	.11	--	--	74
40N/12F-25J01 M		08/14/67	1500	--	8.4	527	--	--	.74	3.22	--	--	--	--	.8	.16	0.2	--	113

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATE WELL NUMBER DATE TIME LAB SAMPLER	ITEM TEMP PH LAB EC LAB FLD	MINERAL CONSTITUENTS IN CA Mg Na K CO ₃ HCO ₃ SO ₄ CL NO ₃	MILLIGRAMS PER LITER				MILLIEQUIVALENTS PER LITER				PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER			
			TDS mg/L	SiO ₂ mg/L	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	CO ₃ mg/L	HCO ₃ mg/L	SO ₄ mg/L	Cl mg/L	NO ₃ mg/L	F mg/L	d mg/L	SiO ₂ mg/L	TDS mg/L	SiO ₂ mg/L
ALTUNAS BASIN																		
39N/13F-06N01 M 08/17/67 5050 1520 5050	70.0F 8.1	177	--	--	28	--	0.0	.91	--	4.1	--	--	--	--	--	--	--	23
HIG VALLEY																		
39N/07F-13001 M 08/17/67 5050 1315 5050	-- 8.1	212	--	--	29	--	0.0	1.04	--	5.4	--	--	--	--	--	--	--	43
39N/09F-2RF20 M 08/17/67 5050 0830 5050	63.0F 7.0	213	--	--	22	--	0.0	1.07	--	3.8	5.4	--	--	--	--	--	--	61
38N/17F-02P01 M 08/17/67 5050 1300 5050	63.0F --	531	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
38N/17F-23001 M 08/17/67 5050 1135 5050	62.0F 8.1	269	--	--	24	--	0.0	1.43	--	7.5	--	0.3	--	--	--	--	--	85
38N/18F-17K01 M 08/17/67 5050 1100 5050	62.0F 7.3	216	--	--	13	--	0.0	1.25	--	--	--	--	--	--	--	--	--	83
38N/04F-30R01 M 08/17/67 5050 1115 5050	62.0F 8.3	739	--	--	23	--	--	--	28	--	4.1	0.2	--	--	--	--	--	318
38N/19F-21L01 M 08/17/67 5050 0800 5050	64.0F 8.5	332	--	--	48	--	6.0	1.87	--	4.4	--	--	--	--	--	--	--	62
37N/17F-02001 M 08/17/67 5050 1270 5050	-- --	202	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
37N/07F-13B01 M 08/17/67 5050 1230 5050	63.0F 8.3	242	--	--	20	--	0.0	1.17	--	5.6	16	0.1	--	--	--	--	--	70
FALL RIVER VALLEY																		
38N/03F-24F01 M 08/16/67 5050 1000 5050	60.0F 7.9	149	12	9.2	4.2	0.9	0.0	.90	0.2	1.3	2.0	--	0.1	--	90	74	66	
38N/14F-30M01 M 08/16/67 5050 0935 5050	62.0F 7.3	238	--	--	14	--	0.0	1.38	--	4.3	--	--	--	--	--	--	--	91
38N/06F-31U01 M 08/16/67 5050 0845 5050	61.0F 8.3	182	--	--	11	--	0.0	1.08	--	2.0	--	--	--	--	--	--	--	69
37N/04F-01K01 M 08/14/67 5050 1400 5050	63.0F 7.6	854	--	--	81	--	0.0	4.82	--	--	81	--	--	--	--	--	--	267
37N/05F-01C01 M 08/14/67 5050 0900 5050	-- 8.1	206	17	6.6	16	2.9	0.0	1.14	5.4	3.8	1.2	--	0.2	--	150	109	70	
37N/05F-09N01 M 08/14/67 5050 1255 5050	-- 8.6	608	33	15	84	5.6	14	3.30	4.6	14	10	--	0.3	--	360	342	143	
37N/05F-19P02 M 08/14/67 5050 1325 5050	60.0F 8.6	463	--	--	56	--	8.0	2.31	--	4.4	--	0.1	--	--	--	--	--	118
37N/05F-24F01 M 08/14/67 5050 0800 5050	-- 8.0	196	12	5.7	21	2.1	0.0	1.14	3.6	2.5	13	--	0.1	--	132	116	54	
37N/05F-06L01 M 08/14/67 5050 0820 5050	-- 8.3	250	34	5.8	13	2.4	0.0	1.67	1.3	2.7	1.1	--	0.1	--	155	142	109	
37N/05F-19L01 M 08/14/67 5050 0748 5050	60.0F --	212	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
37N/05F-29B01 M 08/14/67 5050 0730 5050	-- 8.1	432	--	--	14	--	0.0	1.51	--	10	63	0.2	--	--	--	--	--	169

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATE WELL NUMBER DATE TIME	TEMP	PM LAB FLU	EC LAB FLU	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER TDS SUM TH mg/m				
				CA	MG	NA	K	CO ₃	MCO ₃	SO ₄	CL	NOS ₃	F	B	S10 ₂	TH	mg/m	
REDDING BASIN 5- 6.00																		
32N/03W-17E02 M 08/22/67 5050 11020 5050	--	8.0	2960	--	--	518 22.53	--	--	--	--	774 21.83	--	0.8	--	--	--	99 99	
32N/03W-20P01 M 08/22/67 5050 10000 5050	--	6.3	180	--	--	11 .48	--	--	--	--	--	--	--	--	--	--	62 62	
32N/03W-32J02 M 08/22/67 5050 0950 5050	--	7.7	384	28 1.40 33	12 .99 23	42 1.83 43	1.7 .04	0.0 2.56	156 60	11 .23 5	47 1.33 31	11 .18 4	--	0.3	--	278 229	121 0	
32N/03W-35C01 M 08/22/67 5050 0930 5050	--	8.3	204	13 .65 30	9.1 .75 .34	17 .74 34	1.6 .04 2	0.0 2.05	125 92	3.0 .05 3	4.0 .11 5	0.5 .01 5	--	0.2	--	169 110	70 0	
32N/04W-14F02 M 08/22/67 5050 1040 5050	--	7.6	234	--	--	42 1.83	--	0.0 1.34	82	--	--	5.0 .08	--	--	--	--	18 0	
32N/04W-20H01 M 08/22/67 5050 11000 5050	--	7.8	522	5.0 .29 6	3.4 .28 6	98 4.26 88	1.3 .03 1	0.0 2.54	161 54	2.0 .04 1	77 2.17 44	2.4 .04 1	--	1.5	--	284 270	28 0	
32N/04W-34P01 M 11/01/66 5050 1015 5050	--	8.1	233	15 .80 34	8.3 .66 29	20 .87 37	0.8 .02 1	0.0 2.12	129 91	0.2 8	5.9 .19 1	1.5 .02 1	--	0.0	--	182 117	74 0	
32N/04W-34P01 M 08/22/67 5050 1140 5050	--	7.4	253	--	--	24 1.04	--	--	--	--	15 .42	--	--	--	--	--	76 76	
32N/05W-26M01 M 08/31/67 5050 1015 5050	--	7.5	257	19 .45 37	8.4 .59 27	21 .91 30	0.5 .01	0.0 1.74	106 54	26 54	6.8 .19 8	3.9 .06 2	--	0.4	--	147 138	82 0	
31N/03W-12E01 M 08/22/67 5050 0910 5050	--	7.7	194	16 .90 45	8.1 .67 33	9.0 .39 19	1.8 .05 2	0.0 1.74	105 87	4.1 .09 5	3.7 .10 3	3.8 .06 3	--	0.1	--	162 101	78 0	
31N/03W-29P01 M 08/22/67 5050 0435 5050	--	7.8	197	13 .65 32	11 .90 44	10 .44 22	1.8 .05 2	0.0 1.74	106 87	2.0 .03 3	5.1 .09 5	7.0 .11 6	--	0.0	--	148 100	78 0	
31N/04W-15B01 M 08/31/67 5050 1235 5050	64.0F	8.1	220	--	--	19 .83	--	--	--	--	8.1 .23	--	--	0.0	--	--	74 74	
31N/04W-16B01 M 08/31/67 5050 1300 5050	64.0F	7.8	173	--	--	11 .48	--	--	--	--	4.0 .11	6.2 .10	0.2	--	--	--	72 72	
31N/05W-25K01 M 08/31/67 5050 0930 5050	67.0F	--	256	--	--	--	--	--	--	--	--	--	--	--	--	--		
30N/03W-04M01 M 07/12/67 5050 1115 5050	50.5F	--	207	--	--	--	--	--	--	--	--	--	--	--	--	--		
30N/03W-34U01 M 07/12/67 5050 1130 5050	52.5	8.4	299	24 1.20 38	18 1.48 46	11 0.68 15	1.4 .04 1	3.0 .10 3	150 2.46 78	13 .27 9	5.4 .15 5	12 .19 6	--	0.0	--	191 161	134 6	
30N/04W-15M03 M 07/12/67 5050 1205 5050	54.0	8.3	259	19 .45 35	15 1.23 45	12 0.52 19	1.7 .04 1	0.0 2.21	135 81	11 .23 8	7.7 .22 8	3.5 .06 2	--	0.0	--	181 136	109 0	
30N/05W-15H01 M 07/12/67 5050 1300 5050	--	8.3	172	--	--	18 .78	--	0.0	96	--	2.7 1.57	--	--	--	--	--	54 0	
30N/05W-17H01 M 07/12/67 5050 1315 5050	--	--	142	--	--	--	--	--	--	--	--	--	--	--	--	--		
29N/04W-11G04 M 07/12/67 5050 1000 5050	60.0F	8.6	141	12 .60 29	9.2 .76 36	16 .03 33	1.0 .30 1	9.0 1.43 14	87 65	13 .27 12	4.1 .12 5	4.2 .07 3	--	0.0	--	125 111	68 0	

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATE WELL NUMBER DATE TIME LAB SAMPLE	TEMP	PH LAB FLO	EC LAB FLO	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				
				Ca	Mg	Na	K	CO ₃	HCO ₃	SO ₄	Cl	NO ₃	F	B	SiO ₂	TUS SUM	TH VCM
LAKE ALMANOR VALLEY 5- 7.00																	
28N/07F-05L01 M 07/25/67 SH16 1400 SO50	--	7.7 90	90	--	--	--	--	0.0	.47 .77	--	.05 .01	--	--	--	--	--	20 0
28N/07F-05N01 M 07/25/67 SH16 1345 SO50	--	7.8 6.8 95	90	--	--	--	--	0.0	.53 .87	--	.05 .01	--	--	--	--	--	21 0
28N/07F-07A01 M 07/25/67 SH16 1300 SO50	--	8.0 6.8 117	118	--	--	--	--	0.0	.70 1.15	--	1.0 .03	--	--	--	--	--	32 0
28N/07F-07H01 M 07/25/67 SH16 1240 SO50	--	7.9 6.8 123	120	--	--	--	--	0.0	.61 1.00	--	2.0 .06	--	--	--	--	--	39 0
28N/07E-18B01 M 07/25/67 SO50 1220 SO50	--	7.8 7.0 142	140	.17 .85	5.0 .41	--	--	0.0	.86 1.41	--	2.0 .06	--	--	--	--	--	63 0
28N/07E-18D01 M 07/25/67 SH16 1200 SO50	--	7.6 7.1 65	65	--	--	--	--	0.0	.44 .72 1	--	.05 .01	--	--	--	--	--	15 0
28N/07E-18H01 M 07/25/67 SH16 1130 SO50	--	7.4 7.6 54	55	--	--	--	--	0.0	.30 .49	--	.05 .01	--	--	--	--	--	17 0
INDIAN VALLEY 5- 9.00																	
27N/09F-35P01 M 07/25/67 SH16 1505 SO50	--	8.3 7.3 239	240	--	--	--	--	0.0	152 2.49 1	--	2.0 .06	--	--	--	--	--	95 0
26N/10E-04E01 M 07/25/67 SH16 1600 SO50	--	8.1 7.0 188	180	--	--	--	--	0.0	120 1.97 1	--	3.0 .08	--	--	--	--	--	41 0
26N/10E-06E01 M 07/25/67 SH16 1530 SO50	--	8.2 7.5 498	500	--	--	--	--	0.0	117 1.92	--	.86 2.43	--	--	--	--	--	78 0
26N/10F-16P01 M 07/25/67 SH16 1620 SO50	--	8.5 7.4 508	510	--	--	--	--	.15 .50	196 3.21	--	.38 1.07	--	--	--	--	--	139 0
26N/10E-18M01 M 07/25/67 SH16 0820 SO50	--	8.2 7.6 250	280	--	--	--	--	0.0	154 2.53 1	--	6.0 .17	--	--	--	--	--	97 0
26N/10F-23A01 M 07/25/67 SH16 0845 SO50	--	7.9 7.0 190	170	--	--	--	--	0.0	101 1.66	--	1.5 .04	--	--	--	--	--	74 0
26N/10F-27R01 M 07/26/67 SH16 0915 SO50	--	7.7 92	90	--	--	--	--	0.0	.50 .82	--	.05 .01	--	--	--	--	--	28 0
AMERICAN VALLEY 5-10.00																	
24N/09E-02A01 M 07/25/67 SH16 1105 SO50	--	8.3 6.8 188	205	--	--	--	--	0.0	119 1.95 1	--	2.0 .06	--	--	--	--	--	63 0
24N/09F-10H01 M 07/25/67 SH16 1030 SO50	54 F	7.9 131	130	--	--	--	--	0.0	.80 1.31 1	--	1.0 .03	--	--	--	--	--	52 0
24N/09E-16H01 M 07/26/67 SH16 1000 SO50	--	7.6 69	70	--	--	--	--	0.0	.41 .67	--	1.0 .03	--	--	--	--	--	23 0
24N/10F-06N01 M 07/26/67 SH16 1130 SO50	--	8.4 7.3 358	400	--	--	--	--	.88 .29	222 3.64 1	--	.50 .14	--	--	--	--	--	148 0
24N/10E-08L01 M 07/26/67 SH16 1200 SO50	--	8.3 6.8 248	240	--	--	--	--	2.2° .07	145 2.38	--	1.5 .04	--	--	--	--	--	102 0
24N/10E-18U01 M 07/26/67 SH16 1300 SO50	--	7.8 110	105	--	--	--	--	0.0	.58 .95	--	1.0 .03	--	--	--	--	--	43 0

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATE WELL NUMBER DATE LAH TIME SAMPLER	TEMP	PH LAB FLU	EC LAB FLD	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				
				CA	MG	NA	K	CO ₃	HCO ₃	SO ₄	CL	NOS	F	H	TOS SUM	TH NOM
AMERICAN VALLEY S-10.00 (CONT.)																
24N/10F-19H01 M 07/26/67 5816 1400 5050	--	7.7 6.8	88 90	--	--	--	--	0.0	48 .79	--	0.5 .01	--	--	--	--	30 0
24N/10F-19H01 M 07/26/67 5816 1325 5050	--	7.8 7.1	129 120	--	--	--	--	0.0	73 1.20	--	0.5 .01	--	--	--	--	45 0
24N/10F-20H01 M 07/26/67 5816 1435 5050	--	7.2 5.5	50 55	--	--	--	--	0.0	24 .39	--	0.5 .01	--	--	--	--	17 0
MOHAWK VALLEY S-11.00																
22N/12F-09H01 M 07/26/67 5816 1455 5050	--	7.7 7.3	263 330	29 1.45	1.3 .11	--	--	0.0	115 1.89	--	2.0 .06	--	--	--	--	78 0
22N/13F-19H01 M 07/26/67 5816 1530 5050	--	8.2 7.6	246 250	--	--	--	--	0.0	147 2.41	--	1.5 .04	--	--	--	--	76 0
22N/13F-30H01 M 07/26/67 5816 1600 5050	--	7.9 7.3	276 380	--	--	--	--	0.0	95 1.56	--	.22 .62	--	--	--	--	60 0
SIERRA VALLEY S-12.00																
23N/14F-21H02 M 07/27/67 5816 0830 5050	65 F	8.3 7.1	407 400	--	--	--	--	0.0	124 2.03	--	3.0 .08	--	--	--	--	131 30
23N/14F-25H02 M 07/26/67 5816 1620 5050	--	8.0 7.1	463 440	43 2.15	17 1.47	--	--	0.0	178 2.92	--	11 .31	--	--	--	--	181 35
23N/14F-35L02 M 07/27/67 5816 1500 5050	--	8.0 8.6	804 790	--	--	--	--	0.0	94 1.54	--	122 3.44	--	--	--	--	45 0
23N/15F-28H04 M 07/27/67 5816 0915 5050	--	-- 7.6	-- 310	--	--	--	--	--	--	--	--	--	--	--	--	--
23N/15E-35C01 M 07/27/67 5816 1000 5050	7/1 F	7.0 7.3	384 420	5.9 .29	4.9 .41	--	--	0.0	74 1.21	--	43 1.21	--	--	--	--	35 0
22N/14F-14F02 M 07/27/67 5816 1420 5050	--	-- 7.4	-- 165	--	--	--	--	--	--	--	--	--	--	--	--	--
22N/15E-11F01 M 07/27/67 5816 1135 5050	--	8.2 7.3	582 600	3.9 .19	4.4 .36	--	--	0.0	252 4.13	--	.36 1.02	--	--	--	--	28 0
22N/15E-12B01 M 07/27/67 5816 1105 5050	--	7.2 7.3	190 255	13 .65	6.2 .51	--	--	0.0	44 .72	--	3.2 .09	--	--	--	--	58 22
22N/15E-17C03 M 07/27/67 5816 1345 5050	--	8.2 7.7	359 390	--	--	--	--	0.0	139 2.28	--	.26 .73	--	--	--	--	10 0
22N/15E-26K02 M 07/27/67 5816 1310 5050	--	8.2 7.4	2480 2400	98 4.89	51.9 4.27	--	--	0.0	546 8.95	--	239 6.74	--	--	--	--	31 0
22N/16F-05N02 M 07/27/67 5816 1030 5050	7/2 F	7.9 7.3	167 200	--	--	--	--	0.0	68 1.12	--	1.5 .04	--	--	--	--	152 96
22N/16E-19E01 M 07/27/67 5816 1210 5050	--	8.2 7.4	224 240	--	--	--	--	0.0	109 1.79	--	9.0 .25	--	--	--	--	52 0
21N/14E-15J01 M 07/28/67 5816 0835 5050	--	8.2 7.6	462 490	6.5 .32	7.9 .66	--	--	0.0	125 2.05	--	.50 1.41	--	--	--	--	49 0
21N/14E-22L01 M 07/28/67 5816 0920 5050	--	8.3 7.3	705 650	--	--	--	--	0.0	172 2.82	--	106 2.99	--	--	--	--	107 0

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATE	WELL NUMBER	DATE	LAB	TEMP	PM	EC	MINERAL CONSTITUENTS IN LAB FLO	MILLIGRAMS PER LITER						MILLIGRAMS PER LITER							
								CA	MG	NA	K	Cu3	MgO3	SO4	CL	NO3	F	B	SiO2	TDS	TM SUM
SIERRA VALLEY																					
21N/14E-29J01 M				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
07/28/67				0900	5050		7.3	225													
21N/14E-36K01 M				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
07/27/67				1530	5050		7.3	200													
21N/15E-05U01 M				--	8.1	1490	--	--	--	--	0.0	153	--	262	--	--	--	--	--	23	
07/27/67				1600	5050		7.3	1450				2.51		7.39							0
21N/15F-09Q03 M				--	8.2	239	--	--	--	--	0.0	126	--	1.0	--	--	--	--	--	65	
07/27/67				1615	5050		7.5	240				2.07		.03							0
20N/14E-04G02 M				--	8.1	198	--	--	--	--	0.0	128	--	1.0	--	--	--	--	--	60	
07/28/67				1020	5050		7.9	200				2.10		.03							0
UPPER LAKE VALLEY																					
16N/09W-31L02 M				--	--	217	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
08/04/67				1430	5050																
15N/10W-03C01 M				--	--	408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
08/04/67				1300	5050																
15N/10W-03J01 M				--	8.3	845	84	43	32	--	0.0	347	--	.35	--	--	0.2	--	--	386	
08/04/67				1240	5050		4.19	3.53	1.39			5.69		.99						102	
15N/10W-10E01 M				--	--	2300	--	--	--	--	--	--	--	--	--	--	--	--	--		
08/04/67				1230	5050																
15N/10W-12K02 M				--	--	213	--	--	--	--	--	--	--	--	--	--	--	--	--		
08/04/67				1315	5050																
15N/10W-13A01 M				--	--	226	--	--	--	--	--	--	--	--	--	--	--	--	--		
08/04/67				1330	5050																
15N/09W-06F01 M				--	--	191	--	--	--	--	--	--	--	--	--	--	--	--	--		
08/11/67				0910	5050																
15N/09W-07B01 M				--	7.1	246	18	13	14	--	0.0	146	--	3.2	--	--	0.3	--	--	100	
08/14/67				1400	5050		.90	1.07	.61			2.39		.09						0	
15N/09W-31P01 M				--	8.2	135	7.5	6.7	10	--	0.0	72	--	.2	--	--	0.0	--	--	46	
08/14/67				1015	5050		.37	.55	.44			1.18		.12						0	
14N/09W-06F02 M				--	--	52	--	--	--	--	--	--	--	--	--	--	--	--	--		
08/04/67				1000	5050																
NELSEYVILLE VALLEY																					
14N/19W-32J01 M				--	--	800	--	--	--	--	--	--	--	--	--	--	--	--	--		
08/10/67				1535	5050																
14N/19W-32J02 M				--	--	600	--	--	--	--	--	--	--	--	--	--	--	--	--		
08/07/67				1445	5050																
13N/09W-02K02 M				--	--	867	--	--	--	--	--	--	--	--	--	--	--	--	--		
08/07/67				1440	5050																
13N/09W-03C01 M				34 F	--	480	--	--	--	--	--	--	--	--	--	--	--	--	--		
08/07/67				1400	5050																
13N/09W-06B01 M				--	--	1030	--	--	--	--	--	--	--	--	--	--	0.0	--	--		
08/07/67				1400	5050																

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATE DATE TIME	WELL NUMBER LAB SAMPLER	TEMP	PH FLD	EC FLD	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER			
					LAB FLD	CA	MG	NA	K	CO ₃	HC _{O3}	SO ₄	CL	NO ₃	F	B	TDS SUM	TH NCM
KELSEYVILLE VALLEY S-15.00 (CONT.)																		
13N/09W-08N01 M 08/17/67 5050 1515 5050		65 F	--	617	--	--	--	--	--	--	--	--	--	--	--	1.4	--	--
13N/09W-08N02 M 08/17/67 5050 1515 5050		--	6.9	345	.30 1.50	1.8 1.48	.12 .52	--	0.0	2.44 2.36	--	.11 .31	--	--	0.2	--	--	149 31
13N/09W-12M01 M 08/17/67 5050 1500 5050		64 F	8.1	557	22 1.10	36 2.96	37 1.61	--	0.0	2.60 4.26	--	.41 1.16	--	--	0.3	--	--	202 0
13N/09W-17A01 M 08/17/67 5050 1525 5050		69 F	--	1110	--	--	--	--	--	--	--	--	--	--	1.0	--	--	--
13N/09W-22J01 M 08/17/67 5050 1535 5050		61 F	--	558	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HIGH VALLEY S-16.00																		
14N/08W-24B02 M 08/11/67 5050 1030 5050		--	7.8	1390	99 4.94	102 8.38	93 4.05	--	0.0	472 15.94	--	.23 .65	--	--	5.2	--	--	565 0
BURNS VALLEY S-17.00																		
13N/07W-15N01 M 08/11/67 5050 1200 5050		--	--	244	--	--	--	--	--	--	--	--	--	--	--	--	--	--
13N/07W-21M01 M 08/11/67 5050 1230 5050		--	--	274	--	--	--	--	--	--	--	--	--	--	--	--	--	--
13N/07W-21M01 : 08/11/67 5050 1300 5050		--	--	316	--	--	--	--	--	--	--	--	--	--	0.3	--	--	--
13N/07W-21J01 M 08/11/67 5050 1315 5050		--	8.3	656	60 2.99	34 2.79	28 1.22	--	0.0	401 6.58	--	.13 .37	--	--	1.4	--	--	292 0
13N/07W-22B02 M 08/11/67 5050 1130 5050		61 F	--	466	--	--	--	--	--	--	--	--	--	--	--	--	--	--
COYOTE VALLEY S-18.00																		
11N/07W-13A01 M 08/11/67 5050 1011 5050		--	8.2	548	26 1.20	60 4.93	11 .48	--	0.0	363 5.95	--	.59 .17	--	--	0.4	--	--	306 9
11N/06W-19B02 M 08/11/67 5050 1015 5050		--	8.6	505	13 .65	59 4.85	60 .20	--	13 .43	294 4.82	--	.04 .15	--	--	0.6	--	--	275 13
11N/06W-29A01 M 08/11/67 5050 1130 5050		--	8.4	582	10 0.80	59 4.85	17 .74	--	6.0 .20	342 5.61	--	.10 .28	--	--	1.0	--	--	283 0
11N/06W-30A02 M 08/11/67 5050 1030 5050		--	--	464	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATION NUMBER DATE TIME LAB SAMPLER	TEMP	PH LAB FLD	EC LAB FLD	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER				
				CA	MG	NA	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	SiO ₂	TDS SUM	TH VCM		
CULLAYOMI VALLEY S=19.00																		
10N/07W-03L04 M 08/11/67 5050 1230 5050	--	7.5	259	.10 .50	.24 1.97	.40 .21	--	0.0	144 2.36	--	3.7 .10	--	--	0.3	--	--	124 6	
10N/07W-03M01 M 08/11/67 5050 1245 5050	--	8.3	232	.14 .70	.16 1.32	.80 .35	--	0.0	131 2.15	--	4.5 .13	--	--	0.1	--	--	101 0	
10N/07W-33J02 M 08/11/67 5050 1315 5050	--	8.1	192	.13 .65	.14 1.15	.30 .15	--	0.0	107 1.75	--	2.3 .06	--	--	0.0	--	--	91 4	
10N/07W-35E01 M 08/11/67 5050 1145 5050	--	--	324	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
SACRAMENTO VALLEY S=21.00																		
TEHAMA COUNTY S=21.01																		
27N/04W-01H02 M 07/25/67 5050 1210 5050	74.0	7.7	229	20 1.00	9.3 .76	15 .65	--	0.0	132 2.16	--	3.6 .10	--	--	0.0	--	--	86 0	
27N/03W-10001 M 07/25/67 5050 1345 5050	14.0F	8.4	286	--	--	37 1.61	--	2.0 .07	141 2.31	--	10 .28	--	--	--	--	--	63 0	
27N/03W-15C01 M 07/25/67 5050 1315 5050	60.0F	--	316	--	--	--	--	--	--	--	12 .19	--	--	--	--	--	--	
27N/03W-19A01 M 07/25/67 5050 1220 5050	60.0F	8.2	229	--	--	15 .65	--	0.0	129 2.12	--	3.0 .08	5.0 .08	--	--	--	--	84 0	
27N/03W-23J001 M 06/24/67 5050 0930 5050	53 F	8.1	570	21 1.05	17 1.40	64 2.78	1.4 .04	0.0	154 2.53	7.6 .16	83 2.34	9.4 .15	--	1.4	--	336 280	122 0	
26N/04W-10D01 M 07/25/67 5050 1245 5050	15.0F	8.0	382	--	--	22 .96	--	--	--	--	--	--	--	--	--	--	160 160	
26N/03W-03N01 M 07/25/67 5050 1045 5050	74.0F	--	313	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
26N/03W-22G01 M 07/25/67 5050 1030 5050	60.0F	7.5	140	8.2 .41	5.4 .44	12 .52	--	0.0	74 1.21	--	1.9 .05	--	--	0.0	--	--	42 0	
26N/03W-36K01 M 07/25/67 5050 0855 5050	60.0F	8.6	407	28 1.40	22 1.81	20 1.01	1.0 .03	10 0.33	184 3.02	10 0.21	21 0.59	3.8 .06	--	0.0	--	210 206	161 0	
25N/03W-03N01 M 07/25/67 5050 0920 5050	60.0F	8.4	397	--	--	21 .91	--	--	--	--	15 .42	--	--	--	--	--	157 157	
25N/03W-31R01 M 07/24/67 5050 1508 5050	15.0F	8.2	585	--	--	15 .65	--	--	--	--	24 .68	34 .55	--	--	--	--	268 268	
25N/02W-04M01 M 07/25/67 5050 0810 5050	60.0F	7.8	277	22 1.10	12 .99	11 .48	--	0.0	102 1.67	--	17 .48	6.3 .10	--	--	--	--	105 22	
25N/02W-07K01 M 07/25/67 5050 0830 5050	64.0F	7.6	596	44 2.20	39 3.21	20 .87	--	--	--	--	32 .90	--	0.2	--	--	--	271 271	
25N/02W-16F01 M 07/25/67 5050 0755 5050	60.0F	8.3	282	14 .70	11 .90	26 1.13	3.8 .10	0.0	132 2.16	12 1.25	13 0.37	7.3 .12	--	0.3	--	200 152	80 0	
25N/02W-16P01 M 07/25/67 5050 0735 5050	15.0F	8.5	337	24 1.20	16 1.32	18 .78	2.3 .06	3.0	132 2.16	20 0.42	17 0.48	11 .18	--	0.4	--	227 181	126 5	
24N/05W-21L01 M 07/24/67 5050 1400 5050	15.0F	8.4	393	--	--	39 1.70	--	3.0 .10	164 2.69	--	28 .79	0.3	--	--	--	--	107 0	

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATE WELL NUMBER DATE LAB TIME SAMPLE#	TEMP PH LAB FLU	EC LAB FLD	MINERAL CONSTITUENTS IN CA MG NA K	MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE						MILLIGRAMS PER LITER TDS SUM TH F B SiO ₂ SUM VCM								
				Ca	Mg	Na	K	Ca	Mg	Na	K	Cl	NO ₃	F	B	SiO ₂	TDS	TH
TECHAMA COUNTY															5-21-01 (CONT.)			
24N/03W-03P01 M 07/24/67 5050 1235 5050	60.0F	--	348	--	--	--	--	--	--	--	--	12 .19	--	--	--	--	--	--
24N/03W-04K01 M 07/24/67 5050 1250 5050	68.0F	8.4	342	--	--	9.0 .42	--	--	--	--	0.7 .19	--	--	--	--	--	163 163	
24N/13W-14M01 M 07/24/67 5050 1020 5050	70.0F	8.1	274	--	--	13 .57	--	--	--	--	--	--	--	--	--	--	112 112	
24N/13W-20N01 W 07/24/67 5050 1330 5050	74.0F	8.2	152	--	--	13 .57	--	--	--	--	2.7 .08	--	--	--	--	--	48 48	
24N/12W-30C01 M 07/24/67 5050 5050	60.0F	8.4	428	--	--	30 1.31	--	--	--	--	14 .39	--	--	--	--	--	164 164	
24N/11W-36A02 M 06/24/67 5050 1030 5050	58 F	7.7	214	20 1.00	10 .82	7.5 .33	0.6 .02	0.0 1	118 1.94	1.5 .03	4.2 .12	7.1 .11	--	0.0 5	--	166 109	93 0	
23N/04W-32J01 M 07/24/67 5050 0845 5050	70.0F	8.6	413	27 1.35	12 .99	46 2.00	0.5 .01	4.0 1.13	233 3.82	0.0 88	13 .37	0.2 .9	--	0.2 9	--	207 217	117 0	
23N/03W-22W01 M 07/24/67 5050 0810 5050	70.0F	--	312	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
23N/03W-35B01 M 07/24/67 5050 0925 5050	70.0	7.6	224	--	--	15 .65	--	--	--	--	14 .39	--	--	--	--	--	76 76	
23N/02W-05A01 M 07/24/67 5050 1200 5050	70.0F	--	268	17 .85	12 .99	21 .91	--	--	--	--	5.7 .16	--	--	0.0	--	--	92 92	
GLENN COUNTY															5-21-02			
22N/04W-10801 M 07/10/67 5050 0805 5050	73.0F	8.5	547	51 2.54	30 2.47	18 .78	--	16 .53	222 3.64	--	30 .85	--	--	0.2	--	--	251 43	
22N/03W-04G01 M 07/10/67 5050 0935 5050	75.0F	8.6	485	--	--	20 .87	--	10 .33	218 3.58	--	21 .59	10 .16	--	--	--	--	207 12	
22N/03W-17K01 M 11/12/66 5050 1005 5050	--	8.1	541	59 2.94	23 1.89	19 .83	0.6 .02	0.0 1	262 4.30	20 .42	24 .68	8.2 .13	--	0.3	--	252 282	240 25	
22N/03W-22W01 M 07/11/67 5050 0815 5050	75.0F	8.3	467	45 2.25	15 1.23	20 0.87	0.9 .02	0.0 20	208 3.41	18 76	21 8	8.7 13	--	0.2	--	240 231	174 4	
22N/03W-25B01 M 07/10/67 5050 1250 5050	61.0F	8.4	416	40 2.00	16 1.32	20 .87	--	8.0 .27	171 2.80	--	22 .62	--	--	0.2	--	--	166 13	
22N/02W-03A01 M 07/10/67 5050 0940 5050	71.0F	8.6	624	--	--	29 1.26	--	12 .40	154 2.53	--	44 1.24	67 1.08	--	--	--	--	260 114	
22N/02W-26B01 M 07/10/67 5050 1110 5050	61.0F	8.6	425	--	--	18 .78	--	10 .33	174 2.85	--	18 .51	--	--	--	--	--	177 18	
22N/01W-29C01 M 07/10/67 5050 1015 5050	72.0F	8.6	438	--	--	21 .91	--	6.0 .20	168 2.76	--	25 .71	--	--	0.2	--	--	175 27	
21N/03W-02W01 M 07/10/67 5050 1515 5050	70.0F	--	570	--	--	--	--	--	--	--	--	16 .26	--	--	--	--	--	
21N/03W-11M01 M 07/11/67 5050 0840 5050	70.0F	7.7	371	--	--	31 1.35	--	0.0 1.95	3.20	--	14 .39	--	--	--	--	--	131 0	
21N/03W-14F01 M 07/12/67 5050 1230 5050	68.0F	8.3	487	--	--	16 .70	--	--	--	--	22 .62	--	--	--	--	--	232 232	

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATE DATE TIME	WELL NUMBER LAB SAMPLE	TEMP	PH LAB FLO	EC LAB FLO	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE						MILLIGRAMS PER LITER					
					CA	MG	NA	K	CD3	MC03	SO4	CL	NU3	F	S	SID2	TDS	TM	VCM			
GLENN COUNTY										5-21-02 (CONT.)												
21N/02W-02001 M 07/10/67 5050 1340		74.0F	8.9	627	72 3.59 52	27 2.22 32	24 1.04 15	0.9 .02	19 .63 9	284 4.66 68	25 .52 8	29 .82 12	12 .19 3	--	0.2	--	317 348	291 27				
21N/02W-15C01 M 07/10/67 5050 1550		69.0F	8.7	670	--	--	21 .91	--	--	--	--	45 1.27	--	--	--	--	--	308 308				
20N/04W-02001 M 07/11/67 5050 1050		76.0F	--	367	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
20N/03W-02001 M 07/12/67 5050 0730		72.0F	8.5	433	--	--	17 .74	--	6.0 .20	188 3.08	--	22 .62	--	--	0.0	--	--	184 20				
20N/02W-11001 M 07/12/67 5050 1150		70.0F	8.6	419	--	--	18 .78	--	12 .40	209 3.43	--	9.7 .27	8.8 .14	--	--	--	--	188 0				
20N/02W-13J01 M 07/12/67 5050 1130		73.0F	8.8	481	--	--	19 .83	--	--	--	--	8.2 .23	--	--	--	--	--	230 230				
19N/03W-09J01 M 07/11/67 5050 1215		72.0F	8.8	517	--	--	48 2.09	--	--	--	--	8.2 .23	5.8 .09	0.4	--	--	--	179 179				
19N/03W-18P01 M 07/11/67 5050 1335		75.0F	8.7	619	--	--	56 2.44	--	16 .53	246 4.03	--	30 .85	8.3 .13	--	--	--	--	232 4				
19N/02W-06G01 M 07/11/67 5050 1500		74.0F	8.8	325	--	--	12 .52	--	--	--	--	5.3 .15	3.6 .06	--	--	--	--	153 153				
19N/02W-23N01 M 07/12/67 5050 1000		70.0F	8.8	870	--	--	54 2.35	--	42 1.40	460 7.54	--	9.2 .26	5.5 .09	--	--	--	--	414 0				
18N/04W-02F01 M 07/11/67 5050 1245		76.0F	8.7	1040	--	--	99 4.31	--	--	--	--	121 3.41	.45 .72	--	--	--	--	318 318				
18N/03W-10K01 M 07/11/67 5050 1415		71.0F	8.8	541	--	--	50 2.61	--	18 .60	236 3.87	30 .62	18 .51	4.9 .08	--	--	--	--	159 0				
18N/02W-01E01 M 07/12/67 5050 0930		69.0F	8.6	766	--	--	68 2.96	--	16 .53	397 6.51	50 1.04	10 .28	4.0 .06	--	--	--	--	273 0				
18N/02W-07F01 M 07/12/67 5050 0820		70.0F	8.5	600	--	--	52 2.26	--	--	--	64 1.33	4.5 .24	--	--	--	--	211 211					
BLITZ COUNTY										5-21-03												
23N/01W-09L01 M 08/04/67 5050 1015		--	8.4 7.0	345 390	--	--	--	--	6.6 .22	167 2.74	--	5.0 .14	--	--	--	--	--	--				
22N/01F-09N01 M 08/04/67 5050 1115		--	8.3 7.1	601 580	65 2.25	35 2.95	--	--	0.0 0.0	272 4.46	--	21 .59	--	--	--	--	--	260 37				
21N/01W-35C01 M 08/04/67 5016 1330		--	8.4 7.3	452 460	--	--	--	--	11 .37	266 4.36	--	6.0 .17	--	--	--	--	--	194 0				
21N/02F-30F01 M 08/04/67 5016 1230		--	8.4 7.0	338 340	--	--	--	--	2.2 .07	166 2.72	--	4.0 .11	--	--	--	--	--	--				
21N/03F-10J01 M 08/04/67 5016 1625		--	8.2 7.0	261 260	--	--	--	--	0.0 0.0	156 2.56	--	4.0 .11	--	--	--	--	--	100 0				
19N/02F-16R01 M 08/04/67 5016 1425		--	8.0 7.4	232 220	--	--	--	--	0.0 0.0	106 2.72	--	8.5 .24	--	--	--	--	--	--				
19N/03F-36H01 M 08/04/67 5016 1500		--	8.4 7.4	347 380	--	--	--	--	6.6 .22	205 3.36	--	10 .28	--	--	--	--	--	128 0				

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATE WELL NUMBER DATE TIME	LAB SAMPLER	TEMP	PH LAB FLO	EC LAB FLO	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE						MILLIGRAMS PER LITER					
					CA	MG	NA	K	CO ₃	HCO ₃	SO ₄	CL	NOS	F	S	SiO ₂	TOS	TH	VCH			
BUTTE COUNTY										5-21-03 (CONT.)												
18N/04E-06P01 M 08/04/67 5050 1540 5050		--	8.1 7.3	314 320	35 1.75	17 1.41	--	--	0.0 2.89	176 3.59	--	7.4 .21	--	--	--	--	--	--	158 14			
18N/03E-16P02 M 08/03/67 5816 1040 5050		--	8.5 7.6	475 500	--	--	--	--	.26 .87	219 3.59	--	0.0 .17	--	--	--	--	--	--	226 3			
18N/03E-33N01 M 08/03/67 5050 1015 5050		--	8.2 7.6	259 260	17 .85	15 1.31	--	--	0.0 2.56	156 2.56	--	4.7 .13	--	--	--	--	--	--	108 0			
18N/04E-28M01 M 08/04/67 5816 1130 5050		--	7.9 8.4	2510 2500	--	--	--	--	0.0 2.62	180 2.62	--	220 5.20	--	--	--	--	--	--	95 0			
17N/01F-01R01 M 08/01/67 5050 0930 5050		--	-- 7.9	-- 400	--	--	--	--	-- --	-- --	--	-- --	--	--	--	--	--	--	--			
17N/01F-01R01 M 08/01/67 5816 0930		--	8.5 --	413 --	-- --	-- --	-- --	-- --	13 .43	223 3.86	--	10 .28	--	--	--	--	--	--	144 0			
COLUMA COUNTY										5-21-04												
17N/13W-33R01 M 08/04/67 5050 1045 5050		72.0	8.6	1020	-- --	-- 6.53	150 --	--	9.0 .30	262 4.90	--	127 3.58	--	--	--	--	--	--	179 0			
17N/02W-12C01 M 08/04/67 5050 1210 5050		/0	8.2	477	-- --	-- 1.35	31 --	--	-- --	-- --	--	-- --	--	--	--	--	--	--	184 184			
17N/02W-36P02 M 08/04/67 5050 1150 5050		65.0F	8.6	1010	49 2.46	47 3.80	128 5.57	2.2 1	37 1.23	497 8.15	60 1.25	34 11	6.2 .96	-- 8	.50 1	--	540 608	315 0				
17N/01W-06R01 M 08/01/67 5050 1250 5050		50 F	--	--	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	187 187				
16N/03W-09N01 M 08/03/67 5050 1020 5050		10.0F	--	1880	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --				
16N/02W-04M01 M 08/04/67 5050 1130 5050		67.0F	8.6	657	-- --	-- 2.22	51 --	--	14 .47	197 3.23	--	44 1.24	--	--	--	--	--	--	250 65			
16N/02W-25B02 M 08/04/67 5050 0815 5050		65.0	8.8	1350	47 2.35	50 4.60	194 8.44	3.0 .08	79 2.63	606 9.94	89 1.65	39 12	18 1.10	-- 1	0.3 2	--	841 822	348 0				
16N/02W-35B01 M 08/04/67 5050 0830 5050		57	8.6	692	-- --	-- 4.35	100 --	--	9.0 .30	252 4.13	--	-- --	-- --	-- --	-- --	-- --	-- --	143 0				
16N/01W-29J01 M 08/01/67 5050 0720 5050		/5	8.1	404	-- --	-- 1.22	2d --	--	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	-- --	151 151				
16N/01W-31J01 M 08/04/67 5050 0750 5050		65.0F	8.6	2430	60 2.99	77 6.33	417 18.14	4.0 .10	40 1.33	714 11.71	693 10.25	148 37	2.0 4.17	-- 15	0.6 0.03	--	1550 1591	466 0				
15N/02W-32R01 M 08/03/67 5050 1515 5050		/1	8.0	621	-- --	-- 2.14	50 --	--	-- --	-- --	-- --	-- 11	-- .18	-- --	-- --	-- --	-- --	205 205				
15N/01W-34J01 M 07/21/67 5050 0830 5050		67.0F	8.3	1580	-- 7.7	-- 1524	226 9.83	--	0.0 4.81	293 4.81	--	214 6.03	--	--	--	--	--	--	380 140			
14N/03W-11A01 M 08/03/67 5050 1415 5050		/6	8.7	676	56 2.79	18 1.48	60 2.81	1.4 .04	10 .33	186 3.05	88 1.83	51 1.64	5.0 .04	-- 1	0.4 1	--	378 381	214 45				
14N/03W-12L01 M 08/03/67 5050 1300 5050		65.0	8.5	557	58 2.89	16 1.32	43 1.44	1.4 .04	8.0 .27	181 2.97	54 1.12	35 .99	14 .23	-- 4	0.0 4	--	321 308	211 49				
14N/03W-14Q02 M 08/03/67 5050 1435 5050		/3	8.7	794	37 1.85	40 3.29	64 2.74	1.0 .03	10 .60	208 3.41	93 1.93	74 2.09	4.0 .05	-- 26	0.4 1	--	458 433	257 57				
14N/02W-29J01 M 08/03/67 5050 1045 5050		/1	8.4	266	-- --	-- .96	22 --	--	-- --	-- --	-- --	-- 12	-- .19	-- --	-- --	-- --	-- --	90 90				

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATE WELL NUMBER DATE LAB TIME SAMPLER	TEMP	PM LAB FLU	EC LAB FLO	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER TDS SUM TH VCN				
				CA	MG	NA	K	CO ₃	HC ₀₃	SO ₄	CL	NU ₃	F	H	SiO ₂	
CULUSA COUNTY 5-21-64 (CONT.)																
14N/01W-35001 M 08/02/67 5050 1010 5050	--	8.3	545	--	--	50	--	--	--	--	70	--	--	--	--	182 182
14N/01W-02001 M 07/21/67 5050 5050	50.0F	8.3 7.4	1640 1538	--	--	--	--	0.0 4.28	201 4.01	--	284 4.01	--	--	--	--	425 211
14N/01W-02001 M 08/02/67 5050 0845 5050	50	8.2	1190	--	--	111 4.83	--	--	--	--	--	--	--	--	--	332 332
14N/01W-02001 M 07/21/67 5050 5050	50.0F	8.3 7.4	2370 2243	--	--	270 11.75	--	0.0 4.99	304 4.99	--	458 12.92	--	--	--	--	608 359
14N/01W-03F01 M 07/21/67 5050 5050	51.0F	8.3 7.6	1800 1697	--	--	--	--	0.0 4.33	254 4.33	--	204 5.75	--	--	--	--	424 208
14N/01W-03K01 M 07/21/67 5050 5050	50.0F	8.4 7.7	2700 2496	--	--	--	--	4.0 0.13	291 4.87	--	347 4.79	--	--	--	--	854 504
14N/01W-11J01 M 07/19/67 5050 5050	55.0F	8.2 7.3	2620 2314	--	--	--	--	0.0 4.20	256 4.20	--	485 13.68	--	--	--	--	779 569
14N/01W-12A01 M 07/19/67 5050 5050	51.0F	8.6 8.0	570 531	--	--	--	--	5.0 1.17	245 4.02	--	45 1.27	--	--	--	--	47 0
14N/01W-12A01 M 08/03/67 5050 0715 5050	57	8.2	800	--	--	143 6.22	--	--	--	--	--	--	--	0.0	--	87 87
14N/01W-12000 M 07/19/67 5050 5050	50.0F	8.3 7.4	4140 3662	--	--	524 22.79	--	0.0 7.08	432 22.33	--	792 22.33	--	--	--	--	1020 667
14N/01W-12F01 M 07/19/67 5050 5050	50.0F	8.1 7.7	556 509	--	--	--	--	0.0 4.08	249 4.08	--	43 1.21	--	--	--	--	122 0
14N/01W-12F02 M 07/19/67 5050 5050	55.0F	8.1 7.8	7390 6586	--	--	900 39.15	--	0.0 5.92	361 5.92	--	1960 55.27	--	--	--	--	1940 1645
14N/01W-2A001 M 07/21/67 5050 5050	65.5F	8.2 7.4	1160 1125	--	--	118 5.13	--	0.0 3.84	234 3.84	--	169 4.77	--	--	--	--	306 114
14N/01E-18A01 M 07/19/67 5050 5050	50.0F	8.6	387 348	--	--	--	--	6.0 .20	196 3.21	--	11 .31	--	--	--	--	38 0
14N/01F-18A01 M 08/02/67 5050 0910 5050	50.0	8.6	388	--	--	73 3.18	--	6.0 .20	223 3.66	--	9.9 .28	--	--	--	--	39 0
13N/02W-22G01 M 08/02/67 5050 1145 5050	/4	8.6	873	--	--	64 2.78	--	--	--	--	135 3.81	--	--	--	--	293 293
13N/02W-26A01 M 08/02/67 5050 1210 5050	/6 F	8.7	719	--	--	45 1.98	--	14 .47	269 4.41	--	70 1.97	--	--	--	--	275 31
13N/02W-29R01 M 08/02/67 5050 1255 5050	51	8.4	638	--	--	69 3.00	--	2.0 .07	231 3.79	--	42 1.18	--	--	--	--	178 0
13N/01W-07A01 M 08/03/67 5050 0845 5050	72.0F	8.4	1300	--	--	75 3.26	--	6.0 .20	164 2.69	--	293 8.26	18 .29	--	--	--	433 289
13N/01W-08B01 M 08/02/67 5050 1415 5050	57	8.3	1750	--	--	80 3.48	--	--	--	--	439 12.38	--	--	0.4	--	644 645
13N/01W-36002 M 08/02/67 5050 1320 5050	/1 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	144 144
13N/01E-22J01 M 08/03/67 5050 0750 5050	54.0	8.4	260	--	--	13 .57	--	--	--	--	--	--	--	--	--	110 110

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATE WELL NUMBER DATE LAB TIME SAMPLE	TEMP	PM LAB FLO	EC LAB FLO	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE						MILLIGRAMS PER LITER		
				CA	MG	NA	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	SiO ₂	TDS	SUM	TH VCH
SUTTER COUNTY																		
17N/01E-25080 M 08/16/67 5816 1445 5050	--	8.2 7.2	590 580	60 2.99	23 1.96	--	--	0.0 .50	137 4.36	2,29	--	.70 .11	--	--	--	--	--	268 136
17N/02E-35A80 M 08/17/67 5816 1520 5050	--	8.5 7.6	444 450	--	--	--	--	15 .50	266 4.36	--	4.0 .11	--	--	--	--	--	--	191 0
16N/01E-05C01 M 08/16/67 5816 1410 5050	68 F	8.0 7.5	340 335	--	--	--	--	0.0 --	155 2.54	--	.19 .54	--	--	--	--	--	--	109 0
16N/01E-19F80 M 08/16/67 5816 1335 5050	72 F	8.3 7.3	307 305	--	--	--	--	2.2 .07	154 2.53	--	.10 .20	--	--	--	--	--	--	95 0
16N/03F-04E01 M 08/17/67 5816 1450 5050	--	8.3 7.3	299 280	--	--	--	--	0.0 --	140 2.30	--	.20 .06	--	--	--	--	--	--	95 0
15N/01W-11M80 M 08/16/67 5816 1145 5050	--	8.6 7.7	498 470	74 3.69	13 1.15	--	--	5.0 .17	221 3.62	--	.35 .99	--	--	--	--	--	--	262 53
15N/01W-13R01 M 08/16/67 5816 1120 5050	--	8.5 7.2	289 280	--	--	--	--	15 .50	224 3.67	--	.45 .13	--	--	--	--	--	--	109 0
15N/01E-14B01 M 08/16/67 5816 1300 5050	--	7.7 7.2	-- 160	--	--	--	--	0.0 --	46 .75	--	.65 .24	--	--	--	--	--	--	39 2
15N/01E-16R01 M 08/16/67 5816 1235 5050	--	-- 7.5	701 740	--	--	--	--	-- --	-- --	--	.23 .65	--	--	--	--	--	--	--
15N/01E-31C80 M 08/16/67 5816 1035 5050	--	8.5 7.1	426 420	--	--	--	--	8.8 .29	229 3.76	--	.45 .13	--	--	--	--	--	--	183 0
15N/02E-01R01 M 08/17/67 5816 1210 5050	76 F	8.6 7.3	538 520	--	--	--	--	20 .67	244 4.00	--	.70 .20	--	--	--	--	--	--	222 0
15N/02F-16C02 M 08/17/67 5816 1130 5050	--	8.1 7.3	901 860	80 3.99	34 2.81	--	--	0.0 --	363 5.95	--	.61 1.72	--	--	--	--	--	--	340 43
15N/02E-26D02 M 08/17/67 5816 1100 5050	--	8.4 7.5	798 790	--	--	--	--	22 .73	513 8.41	--	.46 1.30	--	--	--	--	--	--	296 0
15N/03E-04C04 M 08/17/67 5816 1340 5050	68 F	8.5 7.3	823 1000	--	--	--	--	22 .73	322 5.28	--	.28 .79	--	--	--	--	--	--	331 31
15N/03F-26M01 M 08/17/67 5816 1025 5050	65 F	8.3 7.6	400 400	--	--	--	--	0.0 --	277 4.54	--	.70 .20	--	--	--	--	--	--	131 0
15N/03E-29G01 M 08/17/67 5816 0950 5050	68 F	8.5 7.4	770 760	--	--	--	--	24 .80	418 6.86	--	.19 .54	--	--	--	--	--	--	331 0
14N/01E-01A01 M 08/16/67 5816 1000 5050	--	8.5 7.6	619 610	--	--	--	--	22 .73	355 5.82	--	.11 .31	--	--	--	--	--	--	257 0
14N/01E-24N01 M 08/16/67 5816 0845 5050	--	8.5 7.7	420 400	--	--	--	--	11 .37	233 3.82	--	.40 .11	--	--	--	--	--	--	141 0
14N/02E-12P01 M 08/15/67 5816 1530 5050	70 F	8.3 7.6	609 600	--	--	--	--	2.2 .07	402 6.59	--	.40 .11	--	--	--	--	--	--	231 0
14N/02E-17A02 M 08/16/67 5816 0925 5050	--	8.4 7.7	466 450	--	--	--	--	6.6 .22	265 4.35	--	.60 .17	--	--	--	--	--	--	148 0
14N/03E-15M01 M 08/15/67 5816 1445 5050	--	8.7 7.5	999 1025	--	--	--	--	46 1.53	367 6.02	--	.90 2.54	--	--	--	--	--	--	409 32
14N/03E-28D01 M 08/17/67 5816 0900 5050	67 F	7.7 7.4	926 950	--	--	--	--	0.0 --	274 4.49	--	152 4.29	--	--	--	--	--	--	324 100

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATE WELL NUMBER DATE TIME	LAB SAMPLER	TEMP	PH LAB FLD	EC LAB FLD	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER				
					CA	MG	NA	K	CO ₃	MCO ₃	SO ₄	CL	NO ₃	F	B	SiO ₂	TDS	TM SUM VCM	
SUTTER COUNTY															5-21-05 (CONT.)				
13N/01E-12J80 M 08/15/67 1145	S816 5050	--	8.3 7.7	246 230	--	--	--	--	0.0 2.10	128 .08	--	3.0 .08	--	--	--	--	--	65 0	
13N/02F-14K80 M 08/15/67 1250	S816 5050	--	8.0 7.3	4710 5250	--	--	--	--	0.0 4.25	259 41.45	--	1470 41.45	--	--	--	--	--	1336 1124	
13N/02E-17A01 M 08/18/67 0930	S816 5050	--	8.3 7.8	1350 1300	--	--	--	--	0.0 5.43	331 7.05	--	250 7.05	--	--	--	--	--	191 0	
13N/03F-06J02 M 08/18/67 1020	S816 5050	--	8.9 7.4	3590 3500	257 12.82	179 14.77	--	--	24 .80	221 3.62	--	994 28.03	--	--	--	--	--	1380 1160	
13N/03F-10M02 M 08/15/67 1400	S816 5050	--	8.2 7.7	719 790	--	--	--	--	0.0 6.87	419 1.24	--	44 1.24	--	--	--	--	--	298 0	
13N/03F-26J01 M 08/15/67 1330	S816 5050	--	8.6 7.9	573 580	--	--	--	--	18 .60	260 4.26	--	14 .39	--	--	--	--	--	252 9	
13N/04E-24N01 M 08/11/67	S816 5050	--	8.1 7.3	276 260	--	--	--	--	0.0 1.85	113 1.85	--	23 .65	--	--	--	--	--	78 0	
13N/04F-32N01 M 08/10/67 1535	S816 5050	--	8.1 7.6	292 280	36 1.80	17 1.40	--	--	0.0 2.44	149 2.44	--	14 .39	--	--	--	--	--	160 38	
12N/J2F-06D01 M 08/15/67 1115	S816 5050	--	8.6 7.9	500 490	--	--	--	--	20 .67	254 4.17	--	13 .37	--	--	--	--	--	67 0	
12N/U2F-09H02 M 08/15/67 1100	Sd16 5050	--	8.5 7.8	652 620	--	--	--	--	13 .43	253 4.15	--	42 1.18	--	--	--	--	--	56 0	
12N/U2F-16H01 M 08/14/67 0845	S816 5050	--	8.7 8.3	1080 1025	--	--	--	--	42 1.40	383 6.28	--	122 3.44	--	--	--	--	--	135 0	
12N/U2F-26A01 M 08/14/67 0935	S416 5050	--	8.5 7.9	1100 1025	--	--	--	--	13 .43	267 4.38	--	200 5.64	--	--	--	--	--	87 0	
12N/U2F-27G01 M 09/04/67 1530	S816 5050	--	7.9 7.2	142 180	8.0 .40	9.2 .76	--	--	0.0 1.64	100 1.64	--	3.4 .10	--	--	0.0	--	--	58 0	
12N/U2F-30G03 M 09/04/67 1130	S816 5050	b7 F	8.1 7.6	178 160	13 .65	10 .83	--	--	0.0 1.53	93 1.53	--	3.2 .09	--	--	0.0	--	--	74 0	
12N/U2F-33J01 M 09/04/67 1430	S816 5050	b6 F	8.3 7.8	638 600	45 2.25	24 1.97	--	--	0.0 5.31	324 5.31	--	27 .76	--	--	1.0	--	--	211 0	
12N/U2F-34R04 M 09/04/67 1350	S816 5050	b3 F	8.6 7.6	700 650	53 2.64	32 2.67	--	--	14 .47	337 5.53	--	23 .65	--	--	1.0	--	--	266 0	
12N/U3F-16H02 M 08/15/67 1000	S816 5050	--	8.3 7.6	848 1075	--	--	--	--	22 .73	315 5.17	--	76 2.14	--	--	--	--	--	252 0	
12N/U3F-26H01 M 08/11/67	S816 5050	--	8.4 7.6	732 825	--	--	--	--	6.6 .22	235 3.85	--	104 2.93	--	--	--	--	--	265 62	
12N/U4F-04N02 M 08/10/67 1450	S816 5050	--	8.4 7.6	434 430	--	--	--	--	6.6 .22	190 3.12	--	31 .87	--	--	--	--	--	161 0	
12N/U4F-11M01 M 08/10/67 1420	S816 5050	b6 F	8.1 7.2	341 340	--	--	--	--	0.0 3.17	193 3.17	--	7.5 .21	--	--	--	--	--	128 0	
12N/U4F-17C01 M 08/11/67 1340	S816 5050	b7 F	8.3 7.5	353 350	--	--	--	--	4.4 .15	169 2.77	--	19 .54	--	--	--	--	--	122 0	
12N/U4F-23P02 M 08/14/67 1300	S416 5050	f2 F	8.3 7.5	322 320	--	--	--	--	2.2 .07	151 2.48	--	18 .51	--	--	--	--	--	91 0	

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MINERAL ANALYSES OF GROUND WATER

STATE WELL NUMBER DATE LAB TIME SAMPLE	TEMP PM LAB FLU	EC LAB FLD	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE			MILLIGRAMS PER LITER TDS TH SUM VCM				
			CA	MG	NA	K	CaO3	HCO3	SO4	CL	NO3	F	B	S102		
SUTTER COUNTY														S-21.05 (CONT.)		
12N/04F-25N01 M 08/18/67 5816 1130 5050	-- 8.3 7.3	343 340	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	0.0 2.87	175 2.87	-- --	8.0 .23	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- 118 0	
11N/03F-24H01 M 08/11/67 5816 1200 5050	-- 8.4 7.6	523 625	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	4.4 .15	321 5.26	-- 1	5.0 .14	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- 191 0	
11N/03E-36Q01 M 08/11/67 5816 1225 5050	-- 8.5 7.6	472 460	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	13 .43	240 3.94	-- --	18 .51	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- 65 0	
11N/04F-09H02 M 08/10/67 5816 1600 5050	-- 8.4 7.3	373 360	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	4.4 .15	190 3.12	-- --	13 .37	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- 135 0	
11N/04F-13H01 M 08/11/67 5816 1055 5050	-- 8.1 7.7	266 260	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	0.0 2.03	124 2.03	-- --	14 .39	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- 65 0	
11N/04F-23H02 M 08/18/67 5816 1300 5050	-- -- 7.5	320 320	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- --	-- --	-- --	-- --	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	
YUBA COUNTY														S-21.06		
17N/03F-26C01 M 08/09/67 5816 1250 5050	-- 8.6 7.1	702 660	50 2.50	46 3.86	-- --	-- --	15 .50	304 4.99	-- --	23 .65	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- 318 44	
16N/03F-16H01 M 08/17/67 5816 1430 5050	-- 8.0 7.6	172 175	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	0.0 0.0	96 1.57	-- --	1.0 .03	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- 65 0	
16N/03F-23H01 M 08/09/67 5816 1335 5050	-- 8.2 7.4	292 280	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	0.0 0.0	145 2.38	-- --	5.0 .17	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- 104 0	
16N/04F-09H02 M 08/09/67 5816 1225 5050	-- 8.0 7.0	250 250	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	0.0 1.36	83 1.36	-- --	17 .48	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- 75 8	
15N/04F-20J02 M 08/09/67 5816 1445 5050	-- 8.4 7.3	427 420	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	44 1.47	195 3.20	-- --	4.5 .13	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- 170 0	
15N/05F-19N01 M 08/09/67 5816 1510 5050	-- 8.1 7.4	211 240	12 .60	7.3 .60	-- --	-- --	0.0 0.0	78 1.28	-- --	21 .59	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- 60 0	
14N/04F-07M01 M 08/10/67 5816 1000 5050	-- 8.5 7.6	622 610	52 2.59	31 2.62	-- --	-- --	7.0 .23	254 4.17	-- --	20 .56	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- 261 41	
14N/04F-22H01 M 08/10/67 5816 1110 5050	-- 8.1 7.3	250 240	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	0.0 0.0	105 1.72	-- --	15 .42	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- 63 0	
14N/05F-15C01 M 08/09/67 5816 1545 5050	-- 8.7 7.0	207 205	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	0.0 1.54	94 1.54	-- --	4.0 .11	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- 56 0	
13N/04F-06H02 M 08/10/67 5816 0920 5050	3 F 8.3 7.1	699 690	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	0.0 0.0	376 6.17	-- --	24 .68	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- 320 12	
13N/05F-04H02 M 08/10/67 5816 1155 5050	-- 8.3 7.3	508 480	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	0.0 0.0	122 2.00	-- --	79 2.23	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- 63 0	
PLACER COUNTY														S-21.07		
13N/05F-07J02 M 08/11/67 5816 1515 5050	-- 8.2 7.0	804 890	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	0.0 0.0	294 4.82	-- --	18 .51	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- 505 364	
13N/06F-06D01 M 09/01/67 5816 1350 5050	-- 7.9 7.0	167 170	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	0.0 0.0	66 1.06	-- --	2.5 .07	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- 32 0	
13N/06F-16H01 M 09/01/67 5816 1425 5050	-- 7.7 6.8	140 145	9.1 .45	4.2 .35	-- -- -- --	-- -- -- --	0.0 0.0	52 .85	-- --	5.2 .17	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- 40 0	

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATE WELL NUMBER DATE TIME	SAMPLE#	TEMP	PH LAB FLO	EC LAB FLO	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE						MILLIGRAMS PER LITER			
					CA	MG	NA	K	CO ₃	HC _{CO₃}	SO ₄	CL	NO ₃	F	H	SiO ₂	TDS	TH VCH		
PLACER COUNTY																				
12N/05F-03A01 M 09/11/47 1345	5050	71 F	-- 7.7	-- 210	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
12N/05F-23P01 M 09/11/47 1100	5416 5050	--	7.9 7.3	210 200	--	--	--	--	0.0 1.46	89 2.61	--	7.0 .20	--	--	--	--	--	56 0		
12N/06F-16002 M 09/11/47 1145	5050 5050	68 F	8.5 7.1	873 750	33 1.65	18 1.55	--	--	4.0 .13	159 2.61	--	121 3.41	--	--	--	--	--	160 23		
11N/06F-34H01 M 09/11/47 0940	5816 5050	69 F	8.0 7.0	276 270	--	--	--	--	0.0 2.39	146 2.39	--	12 .34	--	--	--	--	--	82 0		
SACRAMENTO COUNTY																				
10N/04F-02A01 M 08/11/47 1000	5816 5050	70.6	8.2 7.9	348 330	--	--	--	--	0.0 2.57	157 2.57	--	23 .65	--	--	--	--	--	87 0		
10N/04F-13P01 M 08/31/47 1420	5050 5050	67 F	8.4 7.4	454 440	35 1.75	17 1.41	--	--	4.0 .13	166 2.72	--	44 1.24	--	--	--	--	--	158 16		
10N/05F-06D01 M 08/31/47 1620	5050 5050	69 F	8.5 7.8	306 310	32 1.60	9.2 .76	--	--	4.0 .13	132 2.16	--	21 .59	--	--	--	--	--	118 4		
10N/06F-05C01 M 09/11/47 0900	5816 5050	--	8.0 7.2	182 180	--	--	--	--	0.0 1.43	87 1.43	--	3.5 .24	--	--	--	--	--	47 0		
10N/06F-27L00 M 08/31/47 1230	5816 5050	68 F	8.0 7.0	340 335	--	--	--	--	0.0 2.53	154 2.53	--	27 .76	--	--	--	--	--	109 0		
09N/06F-09R01 M 08/31/47 1445	5816 5050	68 F	8.3 7.4	333 325	--	--	--	--	0.0 2.53	154 2.53	--	22 .62	--	--	--	--	--	97 0		
09N/05F-21E01 M 08/31/47 1350	5816 5050	--	8.3 7.4	365 380	--	--	--	--	0.0 2.28	139 1.04	--	37 1.04	--	--	--	--	--	100 0		
08N/05F-15H01 M 08/31/47 0930	5816 5050	68 F	8.4 7.6	364 340	--	--	--	--	0.0 2.87	175 2.87	--	21 .59	--	--	--	--	--	128 0		
08N/07F-02N02 M 08/31/47 1140	5816 5050	71 F	7.8 7.2	162 160	--	--	--	--	0.0 1.20	73 1.20	--	6.0 .17	--	--	--	--	--	41 0		
08N/08F-29K01 M 08/31/47 1025	5816 5050	67 F	7.8 6.8	193 200	--	--	--	--	0.0 .74	45 .74	--	10 .28	--	--	--	--	--	41 4		
07N/04F-04M01 M 06/09/47 1245	5050	62 F	-- 7.3	-- 170	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
07N/04F-11M02 M 06/09/47 1130	5050	59 F	-- 7.6	-- 160	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
07N/04F-27B03 M 06/09/47 1500	5050	65 F	-- 7.2	-- 200	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
07N/04F-27P01 M 06/09/47 1015	5050	63.5F	-- 7.5	-- 1040	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
07N/05F-07C01 M 03/31/47 0830	5050 5050	66 F	8.3 7.5	269 270	34 1.70	10 .90	--	--	0.0 2.10	128 2.10	--	23 .65	--	--	--	--	--	130 25		
07N/06F-22R02 M 08/30/47 1400	5816 5050	69 F	8.3 7.4	230 230	--	--	--	--	0.0 2.02	123 2.02	--	5.5 .16	--	--	--	--	--	69 0		
07N/07F-27B01 M 08/30/47 1420	5816 5050	70 F	8.3 7.3	300 300	--	--	--	--	0.0 2.46	150 2.46	--	14 .39	--	--	--	--	--	104 0		

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATE	WELL NUMBER	DATE	TIME	LAB	SAMPLE	TEMP	PH FLU	EC FLU	MINERAL CONSTITUENTS IN CA Mg Na K	MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT MEASURE VALUE				MILLIGRAMS PER LITER TDS SUM VCM							
										CO ₂	HCO ₃	SO ₄	CL	NO ₃	F	S	SiO ₂	TDS SUM	VCM		
SACRAMENTO COUNTY																5-21-04 (CONT.)					
06N/04F-32001	1	06/17/67	0930	SUSO		50 F	--	7.7	210	--	--	--	--	--	--	--	--	--	--	--	
06N/04F-15J01	M	08/31/67	1455	SUSO		50 F	8.0	162	161	--	--	--	0.0	.59	--	1.0	--	--	--	43	
05N/05E-03F01	M	08/31/67	1245	SUSO		--	8.5	311	25	15	--	--	4.0	159	--	.99	--	--	--	128	
05N/07E-07E02	M	08/31/67	1515	SUSO		50 F	8.1	176	175	--	--	--	0.0	.76	--	8.0	--	--	--	39	
YOLO COUNTY																5-21-04					
12N/02W-02A01	M	09/17/67	1130	SUSO		--	8.5	897	62	42	--	--	8.0	363	--	82	--	--	1.0	--	330
							7.2	850	3.09	3.50			.27	5.95	--	2.31					19
12N/01W-01G01	M	09/17/67	1240	SUSO		--	8.1	893	54	53	--	--	0.0	421	--	1.40	--	--	0.4	--	353
							7.6	845	2.69	4.36				6.90	--	1.13					8
12N/01W-09P01	M	09/17/67	1015	SUSO		50 F	8.2	382	33	17	--	--	0.0	177	--	.45	--	--	0.3	--	154
							7.6	360	1.65	1.43				2.90	--	.27					9
12N/01W-14E02	M	09/16/67	1435	SUSO		--	8.6	477	23	24	--	--	14	260	--	.93	--	--	0.4	--	157
							7.9	460	1.15	1.99			.47	4.26	--	.26					0
12N/01W-15N02	M	09/16/67	1520	SUSO		50 F	8.3	550	53	28	--	--	0.0	251	--	.23	--	--	0.3	--	248
							7.7	520	2.64	2.31				4.12	--	.65					42
12N/01W-23P03	M	09/16/67	1350	SUSO		--	8.1	583	29	44	--	--	0.0	355	--	8.8	--	--	0.2	--	255
							7.8	560	1.45	3.65				5.82	--	.25					0
12N/01W-27C01	M	09/16/67	1245	SUSO		--	8.6	580	30	41	--	--	8.0	320	--	16	--	--	0.2	--	247
							8.0	540	1.50	3.44			.27	5.25	--	.45					0
12N/01W-36H01	M	07/19/67	1545	SUSO		50 F	--	640	--	--	--	--	--	--	--	--	--	--	--	--	
12N/01F-12C04	M	09/07/67	1445	SUSO		--	8.3	465	22	16	--	--	0.0	238	--	.23	--	--	0.4	--	122
							7.9	450	1.10	1.34				3.90	--	.65					0
12N/01F-13N01	M	09/07/67	1350	SUSO		50 F	8.4	1590	134	100	--	--	14	668	--	.87	--	--	0.4	--	746
							7.3	1575	6.69	8.23			.47	10.96	--	2.45					175
12N/01F-15H01	M	09/08/67	0910	SUSO		--	8.8	599	28	128	--	--	14	331	--	8.6	--	--	0.4	--	599
							7.9	570	1.40	10.58			.47	5.43	--	.24					304
12N/01F-24P01	M	09/08/67	1210	SUSO		--	8.3	461	22	18	--	--	0.0	280	--	6.5	--	--	0.3	--	131
							7.7	420	1.10	1.52				4.59	--	.18					0
12N/01E-27P01	M	09/08/67	1010	SUSO		50 F	8.7	594	22	27	--	--	8.0	285	--	.28	--	--	0.7	--	167
							7.8	560	1.10	2.24			.27	4.67	--	.79					0
11N/02W-11H01	M	07/19/67	1015	SUSO		50 F	--	7.2	460	--	--	--	--	--	--	--	--	--	--	--	
11N/02W-14H01	M	07/19/67	1540	SUSO		74 F	--	7.9	450	--	--	--	--	--	--	--	--	--	--	--	
11N/02W-35J01	M	07/14/67	1500	SUSO		50 F	--	7.6	520	--	--	--	--	--	--	--	--	--	--	--	
11N/01W-01Q01	M	07/19/67	1255	SUSO		17 F	--	7.8	570	--	--	--	--	--	--	--	--	--	--	--	

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATE WELL NUMBER DATE TIME	WELL NUMBER L48 SAMPLER	TEMP	PH LAB FLD	EC LAB FLD	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER				
					CA	MG	NA	K	CO ₂	HCO ₃	SO ₄	CL	NO ₃	F	B	SiO ₂	TDS	TH VCM	
YULO COUNTY										5-21-09 (CONT.)									
11N/01W-17M01 M 07/19/67 1200	5050	68 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
					7.8	560													
11N/01W-19R01 M 07/19/67 0915	5050	76 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
					7.8	460													
11N/01F-04P01 M 07/21/67 1605	5050	69 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
					7.8	955													
11N/01F-08R03 M 07/19/67 1335	5050	68 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
					7.6	1090													
11N/01F-11P02 M 07/21/67 1540	5050	76 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
					7.6	3200													
11N/01F-14Q01 M 07/21/67 1450	5050	69 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
					7.8	720													
11N/01F-17M01 M 07/19/67 1420	5050	68 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
					7.6	570													
11N/01F-24P03 M 07/21/67 1230	5050	66 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
					7.7	600													
11N/01F-25R02 M 07/21/67 1045	5050	67 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
					7.4	760													
11N/01F-26E01 M 09/05/67 1020	5050	64 F	8.2	657	46	33	--	--	0.0	283	--	48	--	--	1.7	--	--	253	21
					7.7	625	2.30	2.76				4.64		1.35					
11N/01F-27B01 M 07/21/67 1335	5050	68 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
					7.5	1090													
11N/01F-33G02 M 09/06/67 1115	5050	67 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
					7.9	720													
11N/01F-36P01 M 07/21/67 1135	5050	68 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
					7.5	900													
11N/02F-04Q02 M 09/12/67 0930	5050	--	8.2	517	32	22	--	--	0.0	249	--	31	--	--	1.3	--	--	171	0
					8.2	490	1.60	1.82				4.08		.87					
11N/02F-13L01 M 09/12/67 5H16	5050	--	8.2	1640	--	--	--	--	0.0	464	--	295	--	--	--	--	--	714	334
					7.3	1750						7.61		8.32					
11N/02F-14F01 M 09/12/67 5H16	5050	--	8.7	1480	--	--	--	--	--	92	440	--	175	--	--	--	--	611	97
					7.6	1450						3.06	7.22		4.94				
11N/02F-14F02 M 09/12/67 0845	5050	--	8.0	2070	116	12	--	--	0.0	422	--	198	--	--	2.0	--	--	341	0
					7.3	2200	5.79	1.03				13.48		5.58					
11N/02F-14F03 M 08/15/67 0915	5050	--	8.5	621	--	--	--	--	--	18	251	--	49	--	--	--	--	178	0
					7.8	580						.60	4.12		1.38				
11N/02F-14C01 M 09/05/67 1415	5050	--	8.3	525	30	24	--	--	0.0	223	--	40	--	--	1.6	--	--	177	0
					7.9	525	1.50	2.04				3.66		1.13					
11N/02F-20L01 M 09/05/67 1210	5050	--	8.4	1280	45	89	--	--	8.0	389	--	162	--	--	3.3	--	--	481	149
					7.3	1440	2.25	7.37				.27	6.38		4.57				
11N/02F-22A01 M 09/05/67 5H16	5050	--	8.6	1740	--	--	--	--	--	86	469	--	198	--	--	--	--	426	0
					7.6	1710						2.06	7.69		5.58				
11N/02F-22L01 M 09/12/67 5H16	5050	--	8.6	635	--	--	--	--	--	26	262	--	44	--	--	--	--	202	0
					7.8	650						.87	4.30		1.24				

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATE WELL NUMBER DATE TIME LAB SAMPLER	TEMP	PH LAB FLD	EC LAB FLD	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				
				CA	MG	NA	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	S	TDS SUM	TH VCM	
YOLO COUNTY												S-21-09 (CONT.)					
11N/02F-25R01 M 09/13/67 5050 0910 5050	69 F 7.8	8.1 275	304 1150	16 .80	16 1.32	--	--	0.0	162 2.66	--	8.9 .25	--	--	0.4	--	--	106 0
11N/02F-27D01 M 09/12/67 5050 1330 5050	-- 7.8	8.3 1100	76 3.79	53 4.42	--	--	--	0.0	376 6.17	--	135 3.81	--	--	3.9	--	--	411 103
11N/02F-32G01 M 07/21/67 0940 5050	67 F 7.6	-- 775	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11N/03F-19N02 M 09/06/67 5050 0830 5050	-- 7.7	8.2 370	391 1.10	22 1.72	20 1.72	--	--	0.0	198 3.25	--	14 .39	--	--	0.5	--	--	141 0
11N/03F-26H02 M 07/20/67 1600 5050	79 F 7.9	-- 460	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10N/02v-01M01 M 07/12/67 1330 5050	72 F 7.6	-- 460	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10N/01w-04M01 M 07/14/67 1215 5050	70 F 7.7	-- 720	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10N/01w-36K02 M 06/29/67 5H16 16H0 5050	78 F 7.5	872 1000	--	--	--	--	--	0.0	315 5.17	--	110 3.10	--	--	--	--	--	268 10
10N/01F-02D01 M 06/24/67 1000 5050	66 F 7.5	-- 600	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10N/01F-13H02 M 06/24/67 1530 5050	61 F 7.5	-- 540	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10N/01F-15D02 M 06/29/67 5050 0915 5050	72 F 8.0	497 440	11 .55	10 .85	--	--	--	3.0 .10	286 4.69	--	13 .37	--	--	1.0	--	--	70 0
10N/01F-15G01 M 06/29/67 0830 5050	65 F 7.7	-- 700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10N/01F-19K01 M 06/24/67 5050 1415 5050	76 F 7.5	8.4 1100	60 2.99	63 5.22	--	--	--	16 .53	421 6.90	--	83 2.34	--	--	1.2	--	--	411 40
10N/01F-25D01 M 06/14/67 1545 5050	66 F 7.6	-- 655	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10N/01F-25J02 M 06/24/67 1500 5050	74 F 7.5	-- 640	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10N/01F-32M01 M 06/29/67 1630 5050	67 F 7.3	-- 1950	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10N/02F-01Q01 M 06/20/67 1500 5050	68 F 7.6	-- 1850	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10N/02F-03E01 M 07/11/67 0910 5050	65 F 7.7	-- 925	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10N/02F-05E01 M 06/24/67 1145 5050	66 F 7.3	-- 1100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10N/02F-10H01 M 06/20/67 1615 5050	66 F 7.6	-- 1100	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10N/02F-12M01 M 06/21/67 1500 5050	77 F 7.5	-- 1200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10N/02F-16G01 M 06/21/67 1220 5050	66 F 7.6	-- 670	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATE WELL NUMBER DATE LAH TIME SAMPLED	TEMP FLD	PM LAB FLD	EC LAB FLD	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER TDS TH SUM VCM				
				CA	MG	NA	K	CUB	HCO ₃	SO ₄	CL	NO ₃	F	H	SIO ₂	TH
YUL COUNTY												S-21-09 (CONT.)				
10N/02F-16H02 M 06/21/67 1400 5050	74 F --	-- 7.5	-- 1220	--	--	--	--	--	--	--	--	--	--	--	--	--
10N/02F-17J03 M 06/29/67 1230 5050	73 F --	-- 7.9	-- 520	--	--	--	--	--	--	--	--	--	--	--	--	
10N/02F-26H03 M 06/21/67 1545 5050	72 F --	-- 7.9	-- 505	--	--	--	--	--	--	--	--	--	--	--	--	
10N/02F-27H01 M 06/21/67 1220 5050	70 F --	-- 7.9	-- 540	--	--	--	--	--	--	--	--	--	--	--	--	
10N/02F-29A01 M 06/28/67 1115 5050	67 F --	-- 8.0	-- 520	--	--	--	--	--	--	--	--	--	--	--	--	
10N/02E-32H02 M 06/24/67 1330 5050	69 F --	-- 8.0	-- 920	--	--	--	--	--	--	--	--	--	--	--	--	
10N/02E-33H01 M 06/21/67 1140 5050	67 F --	-- 7.5	-- 825	--	--	--	--	--	--	--	--	--	--	--	--	
10N/02E-35C01 M 06/24/67 1305 5050	68 F --	-- 7.5	-- 1550	--	--	--	--	--	--	--	--	--	--	--	--	
10N/03E-06B02 M 09/13/67 5050 1010 5050	-- --	8.7 7.4	1190 1250	66 3.29	58 4.84	-- --	-- --	16 .53	441 7.23	-- --	97 2.74	-- --	-- --	2.0 --	40/ 19	
10N/03E-11H03 M 07/20/67 1505 5050	64 F --	-- 7.2	-- 510	--	--	--	--	--	--	--	--	--	--	--	--	
10N/03E-14M01 M 07/20/67 1400 5050	71 F --	-- 7.1	-- 650	--	--	--	--	--	--	--	--	--	--	--	--	
10N/03E-18H01 M 06/20/67 5050 1400 5050	62 F --	8.1 7.7	1010 850	51 2.54	44 3.63	-- --	-- --	0.0 --	345 5.66	-- --	107 3.02	-- --	-- --	3.0 --	309/ 26	
10N/03E-28B03 M 07/20/67 1300 5050	67 F --	-- 7.8	-- 540	--	--	--	--	--	--	--	--	--	--	--	--	
10N/03E-30A01 M 07/20/67 1200 5050	67 F --	-- 7.4	-- 1850	--	--	--	--	--	--	--	--	--	--	--	--	
10N/03E-32A01 M 07/20/67 1045 5050	69 F --	-- 7.9	-- 1100	--	--	--	--	--	--	--	--	--	--	--	--	
09N/02W-01W01 M 07/12/67 1100 5050	69 F --	-- 7.3	-- 570	--	--	--	--	--	--	--	--	--	--	--	--	
09N/02W-25K01 M 06/27/67 5050 0920 5050	70 F --	8.0 7.3	1880 1700	80 3.99	38 3.17	-- --	-- --	0.0 --	435 7.13	-- --	230 6.49	-- --	-- --	3.0 --	358/ 2	
09N/01W-03E01 M 07/11/67 1500 5050	65 F --	-- 7.4	-- 850	--	--	--	--	--	--	--	--	--	--	--	--	
09N/01W-05H01 M 07/12/67 1030 5050	68 F --	-- 7.3	-- 740	--	--	--	--	--	--	--	--	--	--	--	--	
09N/01W-11L01 M 07/11/67 1345 5050	70 F --	-- 7.4	-- 750	--	--	--	--	--	--	--	--	--	--	--	--	
09N/01W-13R02 M 06/27/67 1145 5050	69 F --	-- 7.5	-- 800	--	--	--	--	--	--	--	--	--	--	--	--	
09N/01W-16H01 M 07/11/67 1410 5050	73 F --	-- 7.5	-- 890	--	--	--	--	--	--	--	--	--	--	--	--	

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATE	WELL NUMBER	TEMP	PH	EC	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER			MILLIEQUIVALENTS PER LITER			MILLIGRAMS PER LITER		
					LAB FLU	LAB FLO	CA	MG	NA	K	CO ₃	MC _O J	SO ₄	CL	N _O 3	F	S	SiO ₂	TDS SUM
YOLO COUNTY																			
09N/01W-27C01 M		08 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/27/67			7.4	580															
1040	5050																		
09N/01W-30N01 M		09 F	8.2	1240	59	48	--	--	0.0	349	--	148	--	--	1.0	--	--	348	
06/27/67			7.8	1120	2.94	4.01				5.72		4.17							62
0955	5050																		
09N/01W-33U01 M		11 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
06/27/67			7.6	440															
0815	5050																		
09N/01W-36K01 M		16 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
06/27/67			7.7	720															
1220	5050																		
09N/01F-01C01 M		11 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
06/19/67			7.5	1000															
1415	5050																		
09N/01E-03C01 M		12 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
06/19/67			8.0	570															
1500	5050																		
09N/01F-05H01 M		56 F	8.2	2130	109	113	--	--	0.0	484	--	350	--	--	5.0	--	--	740	
07/11/67			7.3	2200	5.44	9.36				7.94		9.87							343
1115	5050																		
09N/01F-07C01 M		12 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
07/11/67			7.3	2300															
1225	5050																		
09N/01F-11H01 M		11 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
06/19/67			7.5	1000															
1050	5050																		
09N/01F-12A01 M		57 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
06/19/67			7.5	880															
1315	5050																		
09N/01F-22A02 M		65 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
06/19/67			7.4	860															
1000	5050																		
09N/01E-24A01 M		14 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
06/16/67			7.6	950															
1400	5050																		
09N/01E-28002 M		59 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
06/27/67			7.5	1080															
1500	5050																		
09N/01F-34R02 M		68 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
06/16/67			7.3	750															
1215	5050																		
09N/02E-02B01 M		80 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
06/21/67			7.9	530															
1630	5050																		
09N/02E-04W01 M		59 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
06/21/67			7.6	640															
1000	5050																		
09N/02E-07M01 M		16 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
06/19/67			7.4	800															
1240	5050																		
09N/02F-14F01 M		57 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
06/20/67			7.6	610															
1220	5050																		
09N/02F-15D01 M		68 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
06/21/67			7.6	600															
0845	5050																		
09N/02F-21L01 M		67 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
06/19/67			7.6	940															
0900	5050																		
09N/02F-23J01 M		11 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
06/15/67			7.8	900															
1600	5050																		
09N/02E-23N01 M		69 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
06/13/67			7.7	850															
1530	5050																		

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATE WELL NUMBER DATE TIME	WELL NUMBER LAB SAMPLER	TEMP	PH LAB FLD	EC LAB FLD	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER			
					CA	HG	NA	K	CO ₃	HCO ₃	SO ₄	CL	N _O 3	F	B	S _T O ₂	T _O S	TH NCM
YOLO COUNTY														5-21-09 (CONT.)				
09N/02F-30N02 M 06/15/67 1430	5050	68 F	-- 7.6	-- 790	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09N/02E-34B01 M 06/13/67 1630	5050	68 F	-- 7.9	-- 860	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09N/02E-35E01 M 06/13/67 1425	5050	68 F	-- 7.7	-- 800	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09N/03F-02E01 M 06/12/67 1410	5050	68 F	-- 7.6	-- 825	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09N/03F-05P01 M 06/20/67 1030	5050	66 F	-- 7.6	-- 1600	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09N/03F-07H02 M 07/20/67 0830	5050	68 F	-- 7.6	-- 600	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09N/03F-10B01 M 07/20/67 0930	5050	68 F	-- 7.8	-- 1240	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09N/03F-12H01 M 06/12/67 1500	5050	69.5F	-- 7.1	-- 185	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09N/03F-13N01 1 06/12/67 1320	5050	68 F	-- 7.8	-- 1000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09N/03F-30N01 M 06/15/67 1530	5050	69 F	-- 7.8	-- 760	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09N/03F-30N01 M 06/23/67 0830	5050	65 F	-- 7.7	-- 940	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09N/04F-19Q01 M 06/12/67 1220	5050	64 F	-- 7.4	-- 2050	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09N/04F-27H05 M 06/12/67 0930	5050	62 F	-- 7.3	-- 345	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09N/04F-28F01 M 06/12/67 5816 1145	5050	71 F	8.3 7.3	487 425	--	--	--	--	22 .73	220 3.61	--	40 1.13	--	--	--	--	115 0	
09N/04F-32N01 M 06/12/67 0900	5050	65 F	8.3 8.2	733 660	29 1.25	5.7 .47	--	--	0.0 4.74	289 1.66	--	59 1.00	--	--	--	--	86 0	
08N/01W-11H01 M 06/26/67 1610	5050	70 F	-- 7.4	-- 630	--	--	--	--	--	--	--	--	--	--	--	--	--	
08N/01W-13G01 M 06/24/67 1300	5050	69 F	-- 7.6	-- 630	--	--	--	--	--	--	--	--	--	--	--	--	--	
08N/01W-14D01 M 06/24/67 1400	5050	72 F	-- 7.6	-- 790	--	--	--	--	--	--	--	--	--	--	--	--	--	
08N/01W-20R04 M 06/26/67 1500	5050	74 F	-- 7.8	-- 390	--	--	--	--	--	--	--	--	--	--	--	--	--	
08N/01W-31Gn2 M 06/24/67 1540	5050	74 F	-- 8.0	-- 370	--	--	--	--	--	--	--	--	--	--	--	--	--	
08N/01F-05A01 M 06/27/67 1345	5050	71 F	-- 7.1	-- 370	--	--	--	--	--	--	--	--	--	--	--	--	--	
08N/01F-10H01 M 06/16/67 1140	5050	72 F	-- 7.8	-- 540	--	--	--	--	--	--	--	--	--	--	--	--	--	

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATE WELL NUMBER DATE TIME	LAB SAMPLE#	TEMP	PH FLD	EC FLD	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				
					LAB FLD	CA	MG	NA	K	CO ₃	HC ₀₃	SO ₄	CL	NO ₃	F	8	SID2	TDS SUM VCM	
YOLO COUNTY										5-21-69 (CONT.)									
08N/01E-12H03 M 06/16/67 1100	5050	67 F	--	7.5	1180	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08N/01E-17U01 M 06/26/67 1210	5050	68 F	--	7.6	850	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08N/02F-04E01 M 06/19/67 0810	5050	68 F	--	7.8	850	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08N/02F-10P02 4 06/16/67 1030	5050	67 F	--	7.9	850	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08N/02F-11G02 M 06/13/67 1330	5050	71 F	--	7.8	850	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08N/02F-13F02 M 06/14/67 0745	5050	64 F	--	7.9	625	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08N/02F-16C01 M 06/16/67 0940	5050	68 F	--	7.7	1400	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08N/03F-04H02 M 06/13/67 1030	5050	64 F	--	7.9	1200	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08N/03E-05N01 M 06/13/67 1100	5050	67 F	--	7.8	800	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08N/03E-06E01 M 06/13/67 1145	5050	68 F	--	8.0	710	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08N/03F-08N02 4 06/14/67 0845	5050	65 F	--	7.6	3500	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08N/03F-19E05 M 06/14/67 1015	5050	67 F	--	7.7	1450	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08N/03F-28M02 M 06/14/67 1110	5050	67 F	--	7.6	1500	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08N/04F-03801 M 06/12/67 5816	5050	62 F	7.9	780	--	--	--	--	--	0.0	174	--	145	--	--	--	--	181	39
08N/04F-04C01 M 06/12/67 1020	5050	64 F	7.7	690	--	--	--	--	--	2.85	--	4.09	--	--	--	--	--	--	--
08N/04F-09H01 M 06/04/67 1600	5050	64 F	--	8.1	1180	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08N/04F-18M02 M 06/12/67 1600	5050	67 F	--	7.9	900	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08N/04F-20H01 4 06/19/67 1320	5050	68 F	--	7.4	810	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08N/04F-21K01 M 06/14/67 1445	5050	67 F	--	7.6	440	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07N/03F-05H01 M 06/14/67 1300	5050	69 F	--	7.8	750	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07N/03F-07J01 M 06/15/67 0820	5050	66 F	--	7.8	790	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07N/03F-09J01 M 06/14/67 1330	5050	68 F	--	7.9	760	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATE	WELL NUMBER	DATE	TIME	LAB	TEMP	PH LAB FLD	EC LAB FLD	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER						
								CA	MG	NA	K	CaCO ₃	MgCO ₃	SO ₄	Cl	NH ₃	F	B	SIO ₂	TDS SUM	TN NCM		
TULO COUNTY												5-21-69 (CONT.)											
07N/03F-19N01 M		06/15/67		5050		65 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
							7.7	800															
07N/03F-25C01 M		06/18/67		5050		63 F	8.5	1280	.29	.95	--	--	14	254	--	202	--	--	0.8	--	--	463	231
							7.8	1120	1.45	7.81			.47	4.17		5.70							
07N/03F-31M01 M		06/14/67		5050		63 F	8.3	1130	.42	.79	--	--	0.0	583	--	27	--	--	1.1	--	--	432	0
							7.8	1020	2.10	6.54			9.23			.76							
07N/03F-33A01 M		06/15/67		5050		63 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
							7.6	2150															
07N/03F-36J01 M		06/07/67		5050		65 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
							8.0	560															
07N/04F-14G01 M		06/09/67		5050		60 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
							7.5	205															
07N/04F-16L01 M		06/08/67		5050		65 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
							8.1	800															
07N/04F-17C01 M		06/04/67		5050		66 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
							7.7	650															
07N/04F-19G01 M		06/08/67		5050		64 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
							8.2	450															
07N/04F-29M01 M		06/08/67		5050		65 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
							7.8	530															
07N/04F-33G01 M		06/08/67		5050		67 F	8.2	1960	.53	.18	--	--	0.0	201	--	488	--	--	2.2	--	--	209	44
							8.0	1800	2.64	1.53			3.30			13.76							
06N/03E-04P01 M		06/15/67		5050		63 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
							7.5	2500															
06N/03F-08M01 M		06/15/67		5050		64 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
							7.8	1600															
06N/03F-11D01 M		06/15/67		5050		65.5 F	8.5	519	.86	.84	--	--	7.0	236	--	19	--	--	1.3	--	--	56	0
							8.2	470	.43	.69			.23	3.87		.54							
06N/03F-12J01 M		06/07/67		5050		65 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
							8.1	650															
06N/03F-15M01 M		06/07/67		5050		64 F	8.5	517	.27	.15	--	--	9.0	252	--	14	--	--	1.0	--	--	130	0
							8.0	470	1.35	1.25			.30	4.13		.39							
06N/03E-18E01 M		06/15/67		5050		69 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
							7.8	790															
06N/03E-25A02 M		06/06/67		5816		64 F	8.5	495	--	--	--	--	31	420	--	28	--	--	--	--	--	--	43
							8.2	455					1.03	6.89		.79							0
06N/03E-26C01 M		06/15/67		5050		65.5 F	8.5	549	.11	.11	--	--	5.0	256	--	22	--	--	1.0	--	--	76	0
							8.1	500	.55	.97			.17	4.20		.62							
06N/03E-28M01 M		06/07/67		5050		65 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
							8.1	505															
06N/03E-32L01 M		06/15/67		5050		76 F	8.4	579	.15	.19	--	--	3.0	309	--	10	--	--	1.1	--	--	117	0
							8.2	570	.75	1.59			.10	5.07		.28							
06N/03E-36F01 M		06/06/67		5050		62 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
							8.2	365															

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATE	WELL NUMBER	DATE	LAH	TIME	TEMP	PH FLO	EC FLO	LAB FLO	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER				MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER			
									CA	MG	NA	K	CO ₃	HCO ₃	SO ₄	CL	NH ₃	NO ₃	F	B	TDS	TH	SUM	NCM	
YOLO COUNTY																									
06N/04E-09F02 M		06/04/67		1140		65.5F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
				5050			7.7	3300																	
06N/04E-15H03 M		06/04/67		0930		59.5F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
				5050			7.4	190																	
06N/04E-17J01 M		06/06/67		0830		54 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
				5050			7.8	660																	
06N/04E-28H01 M		06/07/67		1120		51 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
				5050			7.9	200																	
CAPAY VALLEY																									
12N/04W-13A01 M		07/14/67		1000		64 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
				5050			7.3	760																	
12N/03W-29Q01 M		07/14/67		0845		76 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
				5050			7.3	700																	
12N/03W-33N01 M		07/13/67		1530		74 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
				5050			7.6	750																	
11N/03W-04P01 M		07/13/67		1410		67 F	8.5	551	44	26	--	--	4.0	183	--	.41	--	--	0.5	--	--	220	64		
				5050			7.3	530	2.20	2.20			.13	3.00		1.16									
11N/03W-09Q01 M		07/13/67		1310		78 F	8.5	1180	100	54	--	--	16	367	--	144	--	--	0.4	--	--	473	146		
				5050			7.3	1125	4.99	4.47			.53	6.02		4.06									
11N/03W-10E02 M		07/13/67		1340		72 F	7.8	915	--	--	--	--	0.0	323	--	110	--	--	--	--	--	--	100	0	
				5050			7.9	900																	
11N/03W-15F01 M		07/13/67		1240		83 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
				5050			7.2	530																	
11N/03W-26N01 M		07/13/67		1115		64 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
				5050			7.1	925																	
10N/03W-01L02 M		07/13/67		1015		73 F	8.2	608	68	16	--	--	0.0	252	--	.44	--	--	0.2	--	--	238	32		
				5050			7.4	570	3.39	1.37															
10N/02W-16L01 M		07/12/67		1535		71 F	7.8	1590	--	--	--	--	0.0	*25	--	240	--	--	--	--	--	--	431	83	
				5050			7.1	1690																	
10N/02W-17J01 M		07/12/67		1500		73 F	8.1	255	3.6	6.5	--	--	0.0	117	--	10	--	--	0.3	--	--	36	0		
				5050			7.4	250	.18	.54															

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATE	WELL NUMBER	DATE	TIME	Lab	TEMP	PH LAB FLO	EC LAB FLO	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER							
								CA	MG	NA	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	SiO ₂	TDS	SUM	TM	VCH		
LAPAY VALLEY																									
5-21-10 (CONT.)																									
10N/02W-17J03 M		07/12/67	1915	5050		71 F	7.8	273	--	--	--	--	0.0	122	--	14	--	--	--	--	--	30			
									7.2	250				2.00		.39						0			
10N/02W-18F01 M		07/13/67	0920	5050		71 F	8.6	2240	92	50	--	--	22	466	--	401	--	--	1.2	--	--	439			
									7.3	2200	4.59	4.19		.73	7.64	11.31						21			
10N/02W-23001 M		07/12/67	1400	5050		76 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
									7.8	600															
10N/02W-23001 M		07/12/67	1215	5050		72 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
									7.1	650															
10N/01W-08C01 M		07/14/67	1120	5050		70 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
									7.8	600															
10N/01W-15A02 M		07/14/67	1400	5050		77 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
									7.7	1050															
10N/01W-16D01 M		07/14/67	1310	5050		69 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
									7.3	620															
10N/01W-27C01 M		07/11/67	1545	5050		51 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
									7.4	860															
10N/01W-30G02 M		07/12/67	0930	5050		72 F	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
									7.4	580															
SULAN COUNTY																									
5-21-11																									
08N/01F-26F01 M		08/22/67	0830	5050		--	8.8	1020	34	93	55	--	63	422	--	22	--	--	0.6	--	--	466			
									1.70	7.64	2.39		2.10	6.92		.62						15			
07N/02F-02001 M		08/22/67	1115	5050		--	--	986	--	--	--	--	--	--	--	--	--	--	--	0.6	--	--			
07N/02F-34C02 M		08/22/67	1130	5050		--	8.7	853	40	65	40	--	40	373	--	.32	--	--	0.6	--	--	368			
									2.00	5.34	2.00		1.39	6.12		.90						0			
06N/01W-01B04 M		08/22/67	1500	5050		--	--	530	--	--	--	--	--	--	--	--	--	--	--	--	--				
06N/01W-23L01 M		08/22/67	1410	5050		--	8.6	589	48	20	47	--	12	250	--	.16	--	--	0.2	--	--	201			
									2.40	1.64	2.04		.40	4.10		.45						0			
06N/01F-19L02 M		08/22/67	1515	5050		--	--	497	--	--	--	--	--	--	--	--	--	--	--	--	--				
06N/01F-19W01 M		08/21/67	1530	5050		--	--	796	--	--	--	--	--	--	--	--	--	--	--	--	--				
05N/03F-25K80 M		08/21/67	1430	5050		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--				
05N/02F-25K80 M		08/21/67	1430	5050		--	8.2	1810	47	142	196	--	0.0	999	--	.22	--	--	1.0	--	--	699			
									2.35	11.67	8.53		16.38		.62							0			
04N/03F-31F02 M		08/21/67	1230	5050		--	--	448	--	--	--	--	--	--	--	--	--	--	--	--	--				

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATE	WELL NUMBER	DATE	TIME	TEMP	PH LAB FLD	EC LAB FLD	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER										
							Ca	Mg	Na	K	CO ₂	HCO ₃	SO ₄	Cl	NH ₃	F	B	SiO ₂	TDS SUM	TH SUM VCM					
SAN JOAQUIN VALLEY										5-22-00															
SAN JOAQUIN COUNTY										5-22-01															
05N/08F-31R01 M		08/30/67		72 F	8.2 7.1	185 180	--	--	--	--	0.0 1.48	90 2.54	--	90 1	--	--	--	--	--	43 0					
0900	5816																								
0900	5050																								
04N/03E-14F01 M		08/30/67		68 F	8.6 8.1	840 820	--	--	--	--	26 .87	273 4.48	--	85 2.40	--	--	--	--	--	43 0					
1145	5816																								
1145	5050																								
04N/05F-08H01 M		08/30/67		--	7.8 7.3	5320 5250	491 24.50	193 15.89	--	--	0.0 4.94	301 45.97	--	1530 45.97	--	--	--	--	--	2020 1774					
1100	5816																								
1100	5050																								
04N/06F-11P01 M		08/30/67		67 F	8.2 7.4	250 240	--	--	--	--	0.0 2.10	128 2.10	--	8.0 .23	--	--	--	--	--	80 0					
1015	5816																								
1015	5050																								
03N/08F-08E01 M		08/30/67		--	7.7 7.3	199 190	--	--	--	--	0.0 1.33	81 1.33	--	12 .34	--	--	--	--	--	47 0					
0940	5816																								
0940	5050																								
02N/09F-07G01 M		08/29/67		--	7.9 7.1	260 260	--	--	--	--	0.0 1.87	114 1.87	--	5.5 .16	--	--	--	--	--	89 0					
1440	5816																								
1440	5050																								
01N/04F-03N01 M		08/24/67		--	8.7 7.7	1275 1250	--	--	--	--	70 2.33	407 6.67	--	150 4.23	--	--	--	--	--	187 0					
1020	5816																								
1020	5050																								
01N/06F-04001 M		08/29/67		--	8.3 7.8	432 400	30 1.50	12 1.02	--	--	38 1.27	177 2.90	--	40 1.13	--	--	--	--	--	126 0					
0930	5050																								
01N/07F-11J01 M		08/29/67		68 F	8.1 7.3	264 260	--	--	--	--	0.0 2.23	136 2.23	--	5.0 .23	--	--	--	--	--	76 0					
1515	5816																								
1515	5050																								
01S/05F-10H02 M		08/29/67		68 F	8.3 7.1	1000 950	80 3.99	32 2.65	--	--	0.0 4.85	245 4.85	--	143 4.03	--	--	--	--	--	332 90					
1100	5050																								
1100	5050																								
01S/09F-08H01 M		08/29/67		72 F	8.1 7.3	230 250	--	--	--	--	0.0 1.48	90 1.48	--	11 .31	--	--	--	--	--	58 0					
1400	5816																								
1400	5050																								
02S/07F-20R01 M		08/29/67		--	8.4 7.7	487 500	--	--	--	--	4.4 .15	201 3.30	--	14 .39	--	--	--	--	--	163 0					
1300	5816																								
1300	5050																								
03S/05F-26M01 M		08/29/67		67 F	8.3 7.4	1400 1500	119 5.94	34 2.80	--	--	0.0 3.39	207 3.39	--	82 2.31	--	--	--	--	--	437 268					
1225	5050																								
SURPRISE VALLEY										6- 1-00															
46N/16F-13C01 M		08/29/67		53.0	8.3	510	--	--	50 2.18	--	--	--	--	13 .37	--	--	--	--	--	150 158					
1530	5050																								
46N/16F-23B01 M		08/29/67		54	8.4	304	--	--	18 .78	--	2.0 .07	119 1.95	--	16 .45	--	--	--	--	--	111 10					
1545	5050																								
45N/16F-19Q01 M		08/29/67		54.0	8.5	316	--	--	29 1.26	--	4.0 .13	185 3.03	--	3.3 .09	--	--	--	--	--	105 0					
1455	5050																								
43N/16F-20B01 M		08/29/67		55.0	8.5	273	--	--	60 2.61	--	--	--	--	3.0 .08	--	--	--	--	--	17 17					
1350	5050																								
43N/16F-33M03 M		08/29/67		--	8.5	448	--	--	27 1.17	--	6.0 .20	228 3.74	--	4.7 .13	23 .37	--	--	--	--	179 0					
1330	5050																								
42N/16F-04P01 M		08/29/67		54	8.5	309	30 1.50	8.8 .72	26 1.13	0.8 .02	5.0 .17	180 2.62	10 .33	0.2 .17	6.2 .10	--	0.1 .10	--	184 178	111 0					
1305	5050																								
42N/16F-08E01 M		08/11/67		--	7.8	278	34 1.70	10 .62	11 .48	0.9 .02	0.0 2.70	168 2.70	10 .07	2.8 .07	2.8 .08	--	0.0 .05	--	144 148	128 0					
0930	5050																								

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATE, WELL NUMBER DATE TIME	TEMP	PH	EC	MINERAL CONSTITUENTS IN								MILLIEQUIVALENTS PER LITER					MILLIGRAMS PER LITER				
				LAB FLU	LAB FLU	CA	MG	NA	K	CO ₃	HC _O 3	SO ₄	CL	NO ₃	F	S	SiO ₂	TUS	TH VCM		
SURPRISE VALLEY 6- 1.00 (CONT.)																					
42N/16F-0RF01 M 08/11/67 5050 1030 5050	--	8.2	313	35 1.75 50	15 1.23 35	11 .44 14	2.2 .06 2	0.0	187 3.07 91	6.2 .13 4	3.2 .09 3	5.0 .08 2	--	0.0	--	179 169	150 0				
42N/16F-21L01 M 08/19/67 5050 1220 5050	55.0	8.0	234	--	--	23 1.00	--	--	--	--	1.5 .04	--	--	--	--	--	--	--	74 74		
42N/16F-34F01 M 08/19/67 5050 1210 5050	--	8.2	242	--	--	47 2.04	--	--	--	--	3.1 .09	--	--	--	--	--	--	--	49 49		
41N/16F-25C03 M 08/19/67 5050 1135 5050	55.5	8.2	186	--	--	34 1.48	--	0.0	83 1.36	--	4.3 .12	--	--	--	--	--	--	--	17 0		
41N/16F-35D02 M 08/19/67 5050 1120 5050	--	8.1	139	--	--	9.03 .41	--	0.0	82 1.34	--	1.0 .03	--	--	--	--	--	--	--	56 0		
40N/16F-11G01 M 08/19/67 5050 1110 5050	55.0F	--	212	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
40N/16E-13H01 M 08/19/67 5050 5050	--	8.2	226	--	--	11 .48	--	--	--	--	1.6 .05	--	--	--	--	--	--	--	95 95		
40N/16F-36F01 M 08/19/67 5050 0945 5050	--	8.0	350	--	--	23 1.00	--	--	--	--	2.3 .06	--	--	--	--	--	--	--	144 144		
40N/17E-20C01 M 08/19/67 5050 1020 5050	55.0	8.3	384	--	--	41 1.78	--	0.0	135 2.21	--	24 .68	--	--	--	--	--	--	--	86 0		
39N/17E-05D01 M 08/19/67 5050 0915 5050	55.0F	--	408	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
39N/17F-07A02 M 08/19/67 5050 0820 5050	15.0F	8.1	504	4.6 .23 5	0.6 .05 1	96 4.18 93	1.4 .04 1	0.0	59 .97 22	125 2.60 59	28 .79 18	0.8 .01	3.3	.90	--	318 290	14 0				
39N/17F-08P01 M 08/19/67 5050 0850 5050	55.0F	8.1	461	12 .60	3.2 .26	81 3.52	6.4 .16	0.0	160 2.62	61 1.27	17 .48 29	2.7 .04	1.6	.70	--	299 264	43 0				
MAEDLINE PLAINS 6- 2.00																					
37N/13E-16A01 M 08/10/67 5050 1715 5050	--	8.0	437	42 2.10 45	20 1.64 35	19 .83 18	3.6 .09 2	0.0	229 3.76 83	10 .21 5	15 .02 9	7.6 .12 3	--	0.0	--	243 229	189 1				
37N/13E-20Q01 M 08/10/67 5050 1630 5050	--	8.2	2590	109 5.44 19	115 9.45 33	302 13.14 46	20 .51 2	0.0	404 6.63 24	592 12.31 44	317 8.94 32	15 .24 1	--	0.1	--	1730 1668	745 414				
35N/13E-25M01 M 08/10/67 5050 1245 5050	55.0F	8.1	1130	85 4.24 34	78 6.41 51	39 1.70 13	10 .26 2	0.0	476 7.81 66	34 .71 6	63 1.78 15	90 1.45 12	--	0.1	--	634 632	535 145				
35N/16E-18D01 M 08/10/67 5050 1410 5050	55.0F	8.6	1250	26 1.30 14	18 1.48 11	235 10.22 75	26 .67 5	29 .97 7	692 11.35 82	19 .40 3	35 .99 7	3.4 .05	--	0.1	--	767 731	138 0				
35N/16E-19F01 M 08/10/67 5050 1450 5050	52.0	8.5	321	--	--	54 2.35	--	--	--	--	6.2 .17	--	--	--	--	--	--	--	54 54		
34N/13E-18E01 M 08/10/67 5050 1200 5050	51.0F	7.6	152	9.2 .46 27	8.3 .68 40	12 .52 30	2.2 .06 3	0.0	92 1.51 93	3.0 .06 4	1.4 .04 2	0.4 .01 1	--	0.0	--	86 82	57 0				
34N/14E-15H01 M 08/10/67 5050 0930 5050	--	8.4	251	--	--	15 .65	--	2.0 .07	143 2.35	--	2.8 .08	--	--	--	--	--	--	100 0			
34N/14E-23E01 M 08/10/67 5050 0920 5050	52	8.4	255	--	--	13 .57	--	--	--	--	2.8 .08	--	--	--	--	--	--	--	104 104		
34N/15F-21L01 M 08/10/67 5050 1010 5050	51.0F	7.6	136	--	--	21 .91	--	0.0	78 1.28	--	2.0 .06	--	--	--	--	--	--	20 0			

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATE	WELL NUMBER	DATE	TIME	TEMP	PH	EC	MINERAL CONSTITUENTS IN			MILLIGRAMS PER LITER						MILLIGRAMS PER LITER							
							L48 FLU	L48 FLD	C6	MG	NA	K	CO ₃	HCO ₃	SO ₄	CL	N0 ₃	F	B	TDS	SUM	TH	VCN
MADELINE PLAINS																							
34N/15F-31H01 M		08/10/67	0945	55.0F	8.4	225	22	9.4	10	1.8	2.0	9.9	6.0	9.7	16	--	0.0	--	157	94	10		
08/10/67 5050	5050						1.10	.77	.44	.05	.07	1.62	.14	.16	.26				122				
08/10/67 5050	5050						47	33	19	2	3	72	6	7	12								
WILLOW CREEK VALLEY																							
31N/12F-13H01 M		08/15/67	0930	55.0F	8.2	222	--	--	17	--	0.0	122	--	9.4	4.3	0.1	--	--	--	--	71	0	
08/15/67 5050	5050								.74			2.00		.15	.07								
08/15/67 5050	5050																						
31N/12F-25H01 M		08/15/67	0940	55.0F	7.7	342	--	--	10	--	0.0	211	--	4.2	--	--	--	--	--	--	198	25	
08/15/67 5050	5050								.44			3.46		.12									
HONEY LAKE VALLEY																							
30N/12F-33N02 M		02/14/67	0930	--	7.8	185	--	--	--	--	0.0	115	--	2.1	--	--	--	--	--	--	80	0	
02/14/67 5050	5050				7.6							1.90		.06									
02/14/67 5050	5050											1											
29N/12F-04G01 M		02/14/67	0930	--	8.1	874	--	--	--	--	0.0	196	--	62	--	--	--	--	--	--	130	0	
02/14/67 5050	5050				7.9							3.21		1.75									
29N/12F-05R01 M		02/16/67	0930	--	8.1	203	18	7.0	12	4.3	0.0	126	4.8	1.4	1.9	--	0.0	--	119	74	0		
02/16/67 5050	5050				7.6	.90	.58	.52	.11	5	2.07	.10	.04	.03	2	1			111				
29N/12F-15A01 M		08/15/67	1130	51.0F	--	208	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
08/15/67 5050	5050																						
29N/13E-01N01 M		02/15/67	0930	--	8.1	553	4.5	0.7	108	3.9	0.0	162	78	20	25	--	0.5	--	387	320	14	0	
02/15/67 5050	5050				8.0	.22	.06	4.70	.10	2	2.66	1.62	.56	.40	8								
02/15/67 5050	5050					4	1	93	2		51	31	11										
29N/13E-04K01 M		02/15/67	0930	--	8.0	216	7.1	0.4	34	9.8	0.0	109	15	5.8	0.5	--	0.0	--	196	126	19	0	
02/15/67 5050	5050				7.8	.35	.03	1.48	.25		1.79	.31	.16	.01	7								
29N/13E-06K01 M		08/15/67	1450	52.0F	8.0	268	17	7.1	27	5.7	0.0	132	14	4.7	5.0	--	0.2	--	205	145	72	0	
08/15/67 5050	5050				8.5	.58	1.17	4.3	.15	5	2.16	.29	.13	.08	3								
29N/13E-11P01 M		02/14/67	0930	--	8.0	396	--	--	--	--	0.0	208	--	7.4	--	--	--	--	--	--	47	0	
02/14/67 5050	5050				7.6							3.41		.21									
29N/13E-14G01 M		02/14/67	1445	--	7.9	799	18	8.8	134	4.0	0.0	201	42	45	124	--	0.1	--	536	474	81	0	
02/14/67 5050	5050				7.2	.90	.72	5.83	.10	1	3.30	.87	1.27	2.00									
29N/13E-21M01 M		02/15/67	0930	--	7.1	460	35	18	22	1.3	0.0	122	19	16	91	--	0.0	--	348	263	163	63	
02/15/67 5050	5050				6.8	1.80	1.48	.96	.03	3	2.00	.40	.45	1.47									
29N/14E-04N01 M		02/15/67	0930	--	8.3	712	12	3.9	141	9.5	0.0	333	54	22	5.3	--	0.4	--	461	411	46	0	
02/15/67 5050	5050				7.6	.60	.32	6.13	.24	3	5.46	1.12	.62	.09	1								
29N/14E-17D01 M		08/18/67	0940	60.5F	8.2	1050	--	--	--	--	0.0	426	126	10	--	--	--	--	--	--	58	0	
08/18/67 5050	5050				8.0	940						6.99	2.62	.28									
29N/14E-17Q01 M		08/18/67	0940	60.0F	8.2	1360	--	--	--	--	0.0	592	118	46	--	--	--	--	--	--	57	0	
08/18/67 5050	5050				8.1	1220						9.71	2.45	1.30									
29N/14E-18P01 M		08/18/67	0940	61.0F	8.1	883	--	--	--	--	0.0	314	139	25	--	--	--	--	--	--	326	69	
08/18/67 5050	5050				7.3	798						5.15	2.89	.71									
29N/14E-18R01 M		02/14/67	0930	--	8.5	1420	9.7	1.2	309	9.0	15	560	162	23	61	--	1.2	--	940	866	29	0	
02/14/67 5050	5050				7.8	.48	.10	13.44	.23	2	.50	9.18	3.37	.65	.98	7							
29N/14E-18R01 M		08/18/67	0940	60.5F	--	1110	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
08/18/67 5050	5050																						
29N/14E-19A02 M		08/18/67	0940	58.0F	8.7	1980	--	--	--	--	25	428	439	--	133	2.1	--	--	--	--	64	0	
08/18/67 5050	5050										.83	7.02	9.13		2.14								

TABLE E-1
 MINERAL ANALYSES OF GROUND WATER

STATE DATE TIME	WELL NUMBER LAB SAMPLE	TEMP FLD	PH LAB FLD	EC LAB FLD	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE						MILLIGRAMS PER LITER				
					CA	MG	NA	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	B	SIO ₂	TDS SUM	TH VCM	
HONEY LAKE VALLEY																			
29N/14F-20B01 M	08/18/67 5050	54.0F	8.2	2290	--	--	--	--	0.0	794	332	120	--	--	--	--	--	227	
5050										13.02	6.91	3.38						0	
29N/14F-20C02 M	08/18/67 5050	54.0F	8.5	1390	--	--	--	--	13	504	125	56	--	--	--	--	--	37	
5050									.43	8.27	2.60	1.58						0	
29N/14F-20G01 M	08/18/67 5050	54.0F	8.2	1640	--	--	--	--	0.0	689	192	63	--	--	--	--	--	33	
5050										11.30	3.99	1.78						0	
29N/14F-20K01 M	08/18/67 5050	54.2F	8.4	1250	--	--	--	--	4.0	549	82	20	--	--	--	--	--	58	
5050									.13	9.00	1.29	.56						0	
29N/15F-21N01 M	02/15/67 5050	--	8.6	1140	4.4	3.4	263	4.2	40	566	47	24	0.7	--	0.8	--	710	25	
1500					8.4	.22	2.8	11.44	.11	1.33	9.28	.98	.68	.01			665	0	
29N/15F-21N02 M	02/15/67 5050	--	9.0	1250	--	--	--	--	48	481	--	51	--	--	--	--	--	76	
1500					8.4					1.60	7.89		1.72					0	
29N/15F-23K01 M	02/15/67 5050	--	8.5	1490	22	0.0	285	0.0	9.0	35	365	182	0.3	--	4.8	--	1010	50	
5050					1.10				.30	.57	7.61	5.13					886	7	
29N/15F-30A02 M	02/16/67 5050	--	8.5	617	12	3.2	129	4.2	9.0	365	11	7.0	0.5	--	0.4	--	377	43	
5050					8.2	.60	.26	5.61	.11	.30	5.99	.23	.20	.01			355	0	
29N/16F-30L01 M	02/15/67 5050	--	8.2	316	--	--	--	--	0.0	114	--	18	--				--	25	
5050					8.0					1.87		.51						0	
28N/13F-02001 M	02/14/67 5050	--	7.8	515	36	22	39	0.7	0.0	304	6.9	2.1	7.3	--	0.0	--	314	182	
5050					7.4	1.80	1.81	1.70	.17		4.99	.14	.06	.12			269	0	
28N/13F-09E01 M	08/15/67 5050	55.0F	8.0	207	24	7.0	9.5	1.3	0.0	88	4.8	2.6	31	--	0.1	--	155	89	
1235					1.20	.58	.41	.03		1.44	.10	.07	.50				123	17	
28N/14F-02G01 M	02/15/67 5050	--	8.2	2450	--	--	--	--	0.0	483	--	401	--	--	--	--	--	277	
5050					7.4					7.92		11.31						0	
28N/14F-17A01 M	02/15/67 5050	--	8.1	752	--	--	--	--	0.0	420	--	14	--	--	--	--	--	201	
5050					7.2					8.89		.39						0	
28N/15F-06K02 M	08/17/67 5050	55.0F	8.7	642	5.6	3.3	138	2.8	13	325	25	4.7	2.8	--	0.4	--	378	28	
1010					4	.28	.27	6.00	.07	.43	5.33	.54	.25	.05			360	0	
28N/16F-08R01 M	02/15/67 5050	--	8.6	1290	15	0.5	238	0.0	11	25	303	160	0.5	--	3.7	--	948	42	
5050					8.4	.80	.04	10.35	.15	.37	.41	6.30	4.51	.01			751	3	
28N/17F-18K01 M	08/15/67 5050	55.0F	8.3	260	--	--	48	--	0.0	105	--	--	0.1	--	--	--	--	28	
1020									2.00		1.72							0	
28N/17F-20J01 M	08/15/67 5050	55.0F	7.9	280	9.6	2.7	48	4.5	0.0	126	17	10	3.6	--	0.2	--	188	35	
1030					.48	.22	2.09	.12		2.07	.35	.28	.06				157	0	
27N/14F-06C01 M	08/15/67 5050	55.0F	8.1	307	--	--	9.4	--	0.0	132	--	14	30	0.1	--	--	--	127	
1505									.41	2.16		.39	.48					19	
27N/14F-26E01 M	08/15/67 5050	55.0F	8.1	191	--	--	15	--	0.0	58	--	5.4	--	0.1	--	--	--	53	
14nd									.55	1.12		.15						0	
26N/15F-03F01 M	08/15/67 5050	55.0F	8.3	213	--	--	17	--	0.0	110	--	3.0	--	0.1	0.1	--	--	67	
1320									.74	1.80		.08						0	
25N/17F-21N03 M	08/17/67 5050	55.0F	8.3	242	--	--	54	--	--	--	--	14	--	3.4	1.0	--	--	10	
1130									2.35			.39						10	
22N/17F-04K01 M	08/17/67 5050	55.0F	8.3	427	30	11	44	2.2	0.0	185	13	11	46	--	0.1	--	258	120	
1300					1.50	.90	1.91	.08	1	3.03	.27	.31	.74				248	0	
					.34	21	44			70	6	7	17						

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STATE WELL NUMBER DATE LAB TIME SAMPLER	TEMP	PH LAB FLO	EC LAB FLO	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER				
				CA	MG	NA	K	CO ₃	HCO ₃	SO ₄	CL	NO ₃	F	d	S102	TUS SUM	TH VCN		
SOUTH TAHOE VALLEY 6- 5.01																			
12N/18F-03A01 M 08/03/67 5816 0845 5050	--	7.7 6.8	176 170	20 1.00	4.4 .36	--	--	0.0	87 1.43	--	1.6 .21	--	--	--	--	--	68 0		
12N/18F-03C01 M 08/03/67 5816 0945 5050	--	7.5 6.8	78 78	--	--	--	--	0.0	40 .66	--	0.8 .02	--	--	--	--	--	21 0		
12N/18F-03F01 M 08/03/67 5816 1000 5050	--	7.7 6.8	107 105	--	--	--	--	0.0	66 1.08	--	0.8 .02	--	--	--	--	--	34 0		
12N/18F-03J01 M 08/03/67 5816 0915 5050	--	7.5 7.0	73 70	--	--	--	--	0.0	44 .72	--	0.5 .01	--	--	--	--	--	21 0		
12N/18F-JSL01 M 08/02/67 5816 1540 5050	--	7.9 7.0	104 100	--	--	--	--	0.0	63 1.03	--	1.5 .04	--	--	--	--	--	28 0		
12N/18F-05P01 M 08/02/67 5816 1600 5050	--	7.7 6.8	75 73	--	--	--	--	0.0	46 .75	--	1.5 .04	--	--	--	--	--	17 0		
12N/18F-29L01 M 08/02/67 5816 1620 5050	--	7.7 7.3	80 80	--	--	--	--	0.0	45 .74	--	1.0 .03	--	--	--	--	--	15 0		
NORTH TAHOE VALLEY 6- 5.02																			
16N/16F-32001 M 08/02/67 5816 1115 5050	--	7.9 6.8	209 180	--	--	--	--	0.0	79 1.30	--	2.0 .06	--	--	--	--	--	76 11		
16N/16F-32002 M 08/02/67 5816 1125 5050	70 F	7.8 6.8	123 110	--	--	--	--	0.0	52 .85	--	0.5 .01	--	--	--	--	--	41 0		
16N/17F-13H01 M 08/02/67 5816 0920 5050	--	8.0 6.9	126 115	--	--	--	--	0.0	69 1.13	--	1.5 .04	--	--	--	--	--	56 0		
16N/17F-14B01 1 08/02/67 5816 0945 5050	--	8.3 7.0	289 240	--	--	--	--	0.0	163 2.61	--	5.0 .17	--	--	--	--	--	104 0		
16N/17F-14C01 M 08/02/67 5816 1000 5050	--	8.2 6.9	261 255	--	--	--	--	0.0	153 2.51	--	5.0 .14	--	--	--	--	--	95 0		
16N/16F-2AA01 M 08/02/67 5816 1330 5050	--	7.9 7.0	137 140	--	--	--	--	0.0	81 1.33	--	3.0 .08	--	--	--	--	--	52 0		
15N/16F-25C01 M 08/02/67 5816 1345 5050	--	8.0 6.9	101 105	--	--	--	--	0.0	67 1.10	--	1.0 .03	--	--	--	--	--	34 0		
15N/17F-07E01 M 08/02/67 5816 1300 5050	70 F	7.6 6.8	81 70	--	--	--	--	0.0	42 .69	--	1.5 .04	--	--	--	--	--	17 0		
14N/16F-01C01 M 08/02/67 5816 1400 5050	70 F	7.9 6.9	145 135	--	--	--	--	0.0	97 1.59	--	1.0 .03	--	--	--	--	--	52 0		
14N/16F-01K01 M 08/02/67 5816 1430 5050	--	7.9 6.9	125 120	--	--	--	--	0.0	80 1.31	--	0.8 .02	--	--	--	--	--	45 0		
MIDVALLEY (CARSON VALLEY) 6- 5.00																			
11N/19F-35002 M 08/03/67 5816 1140 5050	--	7.9 7.0	130 120	--	--	--	--	0.0	66 1.08	--	0.5 .01	--	--	--	--	--	34 0		
11N/14F-35K01 M 08/03/67 5816 1210 5050	--	7.6 7.0	82 80	--	--	--	--	0.0	48 .79	--	0.5 .01	--	--	--	--	--	26 0		
11N/20F-07M01 M 08/03/67 5050 1130 5050	--	7.1 7.0	192 190	19 .45	4.7 .39	--	--	0.0	52 .65	--	3.4 .27	--	--	--	--	--	67 25		

TABLE E-1
MINERAL ANALYSES OF GROUND WATER

STAFF WELL NUMBER DATE TIME	LAB SAMPLER	TEHP	PH LAB FLU	EC LAB FLD	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER TDS SUM TH VCH			
					C4	Mg	Na	K	CO ₃	HCO ₃	SO ₄	Cl	NO ₃	F	B	SiO ₂	Sum	
ANTELope VALLEY (TOPAZ VALLEY) 6-7-00																		
09N/22F-24M01 M 08/03/67 5816 1440 5050			-- 7.9 7.4	-- 149 145	-- -- --	-- -- --	-- -- --	-- -- --	0.0 179 1.30	-- --	c.0 .06	-- -- --	-- -- --	-- --	-- --	43 0		
09N/22F-24M01 M 08/03/67 5816 1445 5050			-- 8.1 7.3	-- 229 185	-- -- --	-- -- --	-- -- --	-- -- --	0.0 119 1.95	-- --	3.0 .08	-- -- --	-- -- --	-- --	-- --	63 0		
09N/23F-20P01 M 08/03/67 5816 1510 5050			-- 8.3 7.7	-- 247 250	-- -- --	-- -- --	-- -- --	-- -- --	0.0 147 2.41	-- --	2.0 .06	-- -- --	-- -- --	-- --	-- --	87 0		
09N/23F-30C02 M 08/03/67 5816 1510 5050			-- 8.0 7.8	-- 333 320	-- -- --	-- -- --	-- -- --	-- -- --	0.0 92 1.51	-- --	38 1.07	-- -- --	-- -- --	-- --	-- --	30 0		
09N/23F-32A01 M 08/03/67 5816 1545 5050			-- 8.2 8.0	-- 353 325	-- -- --	-- -- --	-- -- --	-- -- --	0.0 163 2.67	-- --	9.0 .25	-- -- --	-- -- --	-- --	-- --	23 0		
09N/23F-16P01 M 08/03/67 5816 1600 5050			-- 8.3 7.7	-- 273 270	-- -- --	-- -- --	-- -- --	-- -- --	0.0 156 2.56	-- --	3.0 .08	-- -- --	-- -- --	-- --	-- --	69 0		
09N/23F-28E03 M 08/03/67 5816 1635 5050			-- 7.8 7.3	-- 302 290	-- -- --	-- -- --	-- -- --	-- -- --	0.0 79 1.30	-- --	15 .42	-- -- --	-- -- --	-- --	-- --	45 0		
09N/23E-29C02 M 08/03/67 5816 1620 5050			-- 7.6 6.8	-- 127 130	-- -- --	-- -- --	-- -- --	-- -- --	0.0 67 1.10	-- --	1.0 .03	-- -- --	-- -- --	-- --	-- --	37 0		
BRIDGEPORT VALLEY 6-8-00																		
09N/24F-13E01 M 08/04/67 5816 1100 5050			-- 7.9 6.8	-- 108 105	-- -- --	-- -- --	-- -- --	-- -- --	0.0 58 .95	-- --	0.5 .01	-- -- --	-- -- --	-- --	-- --	32 0		
09N/24F-25G01 M 08/04/67 5816 0935 5050			-- 7.9 6.8	-- 129 125	-- -- --	-- -- --	-- -- --	-- -- --	0.0 74 1.21	-- --	0.5 .01	-- -- --	-- -- --	-- --	-- --	78 18		
09N/25E-28K01 M 08/04/67 5816 0830 5050			-- 8.5 7.3	-- 452 440	-- -- --	-- -- --	-- -- --	-- -- --	13 219 .43 3.59	-- --	7.0 .20	-- -- --	-- -- --	-- --	-- --	133 0		
09N/25F-28Q01 M 08/04/67 5816 0920 5050			-- 8.3 7.4	-- 282 280	-- -- --	-- -- --	-- -- --	-- -- --	0.0 153 2.51	-- --	3.0 .08	-- -- --	-- -- --	-- --	-- --	39 0		
MARTIS VALLEY (TRUCKEE VALLEY) 6-6-7-00																		
17N/16E-08M01 M 08/01/67 5816 1430 5050			-- 8.0 7.0	-- 130 130	-- -- --	-- -- --	-- -- --	-- -- --	0.0 83 1.36 1	-- --	0.5 .01	-- -- --	-- -- --	-- --	-- --	47 0		
17N/16E-10M01 M 08/01/67 5816 1130 5050			-- 8.1 7.9	-- 182 180	-- -- --	-- -- --	-- -- --	-- -- --	0.0 117 1.92 1	-- --	1.0 .03	-- -- --	-- -- --	-- --	-- --	60 0		
17N/16E-14F01 M 08/01/67 5816 1245 5050			-- 8.0 7.0	-- 143 125	-- -- --	-- -- --	-- -- --	-- -- --	0.0 81 1.33	-- --	1.0 .03	-- -- --	-- -- --	-- --	-- --	47 0		
17N/16E-16L01 M 08/01/67 5816 1315 5050			-- 8.0 7.3	-- 173 170	-- -- --	-- -- --	-- -- --	-- -- --	0.0 86 1.41	-- --	9.0 .25	-- -- --	-- -- --	-- --	-- --	60 0		
17N/16E-17F01 M 08/01/67 5816 1400 5050			-- 8.0 6.8	-- 152 150	-- -- --	-- -- --	-- -- --	-- -- --	0.0 72 1.18	-- --	5.0 .14	-- -- --	-- -- --	-- --	-- --	43 0		
17N/16E-17T80 M 08/01/67 5816 1330 5050		70 F	-- 7.9 7.1	-- 144 145	-- -- --	-- -- --	-- -- --	-- -- --	0.0 85 1.39	-- --	3.0 .08	-- -- --	-- -- --	-- --	-- --	52 0		

TABLE E-2
TRACE ELEMENT ANALYSES OF GROUND WATER

An explanation of the column headings and codes follows:

LAB 5050 Department of Water Resources
M Milligrams per liter or parts per million

CHEMICAL SYMBOLS

AL	Aluminum	GA	Gallium
AS	Arsenic	GE	Germanium
BE	Beryllium	LI	Lithium
BI	Bismuth	MN	Manganese
BR	Bromide	MO	Molybdenum
CD	Cadmium	NI	Nickel
CO	Cobalt	PB	Lead
CR	Chromium	TI	Titanium
CU	Copper	V	Vanadium
FE	Iron	ZN	Zinc

TABLE E-2
 TRACE ELEMENT ANALYSES OF GROUND WATER

STATE	WELL NO.	DATE	LAH	AL Li	AS M-L	BE Mn	DI Ni	DR Pb	CU Ti	CU V	CR Zn	CU	FE	GA	GE
01S/09F-08H01		04-24-67 5050	--	00.00M	--	--	--	--	--	--	--	--	--	--	--
01N/04E-09V01		04-24-67 5050	--	00.01M	--	--	--	--	--	--	--	--	--	--	--
02S/07F-20H01		06-23-67 5050	--	00.01M	--	--	--	--	--	--	--	--	--	--	--
02N/09F-07J01		04-24-67 5050	--	00.004	--	--	--	--	--	--	--	--	--	--	--
03N/08F-08H01		04-30-67 5050	--	00.00M	--	--	--	--	--	--	--	--	--	--	--
04N/03E-14F01		08-04-67 5050	--	00.04M	--	--	--	--	--	--	--	--	--	--	--
04N/06F-11H01		04-31-67 5050	--	00.014	--	--	--	--	--	--	--	--	--	--	--
05N/08F-31H01		04-30-67 5050	--	00.00M	--	--	--	--	--	--	--	--	--	--	--
05N/25F-2A-J01		08-04-67 5050	--	00.014	--	--	--	--	--	--	--	--	--	--	--
06N/03F-26A02		06-06-67 5050	--	00.01M	--	--	--	--	--	--	--	--	--	--	--
06N/08F-15J01		04-30-67 5050	--	00.00M	--	--	--	--	--	--	--	--	--	--	--
07N/05F-22R02		04-30-67 5050	--	00.00M	--	--	--	--	--	--	--	--	--	--	--
07N/07F-27J01		04-30-67 5050	--	00.00M	--	--	--	--	--	--	--	--	--	--	--
08N/04F-03H01		06-12-67 5050	--	00.01M	--	--	--	--	--	--	--	--	--	--	--
08N/05F-15H01		04-31-67 5050	--	00.00M	--	--	--	--	--	--	--	--	--	--	--
08N/07F-02J01		04-31-67 5050	--	00.00M	--	--	--	--	--	--	--	--	--	--	--
09N/04F-09H01		04-31-67 5050	--	00.01M	--	--	--	--	--	--	--	--	--	--	--
09N/04F-28F01		06-12-67 5050	--	00.01M	--	--	--	--	--	--	--	--	--	--	--
09N/05F-21E01		05-31-67 5050	--	00.00M	--	--	--	--	--	--	--	--	--	--	--
09N/22E-24D01		08-03-67 5050	--	00.00M	--	--	--	--	--	--	--	--	--	--	--
09N/23F-30C02		08-03-67 5050	--	00.09M	--	--	--	--	--	--	--	--	--	--	--
10N/01w-36K02		06-24-67 5050	--	00.00M	--	--	--	--	--	--	--	--	--	--	--
10N/02w-17J03		07-12-67 5050	--	00.00M	--	--	--	--	--	--	--	--	--	--	--
10N/04E-02A01		08-11-67 5050	--	00.02M	--	--	--	--	--	--	--	--	--	--	--
10N/06E-05C01		09-01-67 5050	--	00.01M	--	--	--	--	--	--	--	--	--	--	--
11N/02E-13L01		09-12-67 5050	--	00.00M	--	--	--	--	--	--	--	--	--	--	--
11N/02E-14F01		09-12-67 5050	--	00.00M	--	--	--	--	--	--	--	--	--	--	--
11N/02E-22A01		09-06-67 5050	--	00.01M	--	--	--	--	--	--	--	--	--	--	--
11N/03E-24D01		08-11-67 5050	--	00.02M	--	--	--	--	--	--	--	--	--	--	--
11N/03F-36Q01		08-11-67 5050	--	00.06M	--	--	--	--	--	--	--	--	--	--	--
11N/03w-10E02		07-13-67 5050	--	00.00M	--	--	--	--	--	--	--	--	--	--	--
11N/04E-09D02		08-10-67 5050	--	00.00M	--	--	--	--	--	--	--	--	--	--	--
11N/04E-13H01		08-11-67 5050	--	00.01M	--	--	--	--	--	--	--	--	--	--	--
12N/02E-06D01		08-15-67 5050	--	00.03M	--	--	--	--	--	--	--	--	--	--	--

TABLE E-2
 TRACE ELEMENT ANALYSES OF GROUND WATER

STATE	WELL NO.	DATE	LAB	AL Li	AS Mn	δE Mo	BI Ni	BR Pb	CO Tl	CO V	CR Zn	CU	FE	GA	GE
12N/02E-16R01	M	08-18-67	3050	--	00.01M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
12N/02E-26A01	M	08-15-67	3050	--	00.03M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
12N/03E-16H02	M	08-15-67	3050	--	00.03M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
12N/03E-26R01	M	08-11-67	3050	--	00.04M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
12N/04E-17C01	M	08-11-67	3050	--	00.01M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
12N/04E-25N01	M	08-18-67	3050	--	00.00M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
12N/05E-23P01	I	09-01-67	3050	--	00.00M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
12N/18F-05K01	M	08-02-67	3050	--	00.00M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
13N/01F-12J40	M	08-15-67	3050	--	00.01M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
13N/01F-22J01	M	08-03-67	3050	--	00.00M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
13N/02F-14Kd0	M	08-15-67	3050	--	00.01M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
13N/02E-17A01	M	08-15-67	3050	--	00.01M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
13N/02M-26B01	M	08-02-67	3050	--	00.00M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
13N/03F-10M02	M	08-15-67	3050	--	00.00M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
13N/03F-26J01	M	08-15-67	3050	--	00.01M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
13N/04F-06M02	M	08-19-67	3050	--	00.00M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
13N/04F-24N01	M	08-11-67	3050	--	00.00M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
13N/05F-04J02	M	08-10-67	3050	--	00.00M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
13N/06F-04M01	M	08-01-67	3050	--	00.00M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
14N/01F-24J01	M	08-16-67	3050	--	00.01M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
14N/01J-12A01	M	08-03-67	3050	--	00.02M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
14N/02F-12P01	M	08-15-67	3050	--	00.014	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
14N/03F-15m01	M	08-15-67	3050	--	00.00M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
14N/04F-22m01	M	08-19-67	3050	--	00.00M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
14N/16F-01C01	M	08-02-67	3050	--	00.00M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
15N/01F-14J01	M	08-16-67	3050	--	00.014	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
15N/01F-31C01	M	08-17-67	3050	--	00.01M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
15N/01m-13R01	M	08-15-67	3050	--	00.00M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
15N/02F-26M02	M	08-17-67	3050	--	00.00M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
15N/03F-14C04	M	08-17-67	3050	--	00.014	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
15N/03F-26J02	M	08-04-67	3050	--	00.00M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
15N/04F-19F30	M	08-15-67	3050	--	00.014	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--
16N/01J-31J01	M	08-04-67	3050	--	00.01M	--	--	--	--	--	--	--	--	--	--
				--	--	--	--	--	--	--	--	--	--	--	--

TABLE E-2
 TRACE ELEMENT ANALYSES OF GROUND WATER

STATE	WELL	TYPE	LAJ	AL L1	AS Mg	BE Mg	DI Mg	BK Pb	CU Tl	CU V	CR Zn	CU	FE	GA	GE
16N/02E-04H01	M	08-14-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
16N/03E-04F01	M	08-17-67	5050	--	00.01M	--	--	--	--	--	--	--	--	--	--
16N/03E-23J01	M	08-09-67	5050	--	00.02M	--	--	--	--	--	--	--	--	--	--
16N/14E-09D02	M	08-09-67	5050	--	00.004	--	--	--	--	--	--	--	--	--	--
16N/04E-09D02	M	08-13-67	5050	--	00.01M	--	--	--	--	--	--	--	--	--	--
16N/16E-32B01	M	08-02-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
16N/17E-13H01	M	08-02-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
17N/01E-01R01	M	08-07-67	5050	--	00.03M	--	--	--	--	--	--	--	--	--	--
17N/02E-35A10	M	08-17-67	5050	--	00.01M	--	--	--	--	--	--	--	--	--	--
17N/02E-36B02	M	08-04-67	5050	--	00.01M	--	--	--	--	--	--	--	--	--	--
17N/03E-33J01	M	08-04-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
17N/16E-10J01	M	08-01-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
17N/16E-16L01	M	08-01-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
18N/03E-16B02	M	08-04-67	5050	--	00.004	--	--	--	--	--	--	--	--	--	--
18N/04E-28M01	M	08-09-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
18N/04E-02F01	M	07-11-67	5050	--	--	--	--	--	--	--	--	00.00M	--	--	--
19N/02E-16B01	M	08-08-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
19N/03E-36B01	M	08-04-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
20N/14E-04G02	M	07-28-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
21N/01E-35C01	M	08-04-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
21N/02E-30F01	M	08-04-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
21N/03E-10Q01	M	08-04-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
21N/14E-29J01	M	07-28-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
21N/14E-36K01	M	07-27-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
21N/15E-05U01	M	07-27-67	5050	--	00.16M	--	--	--	--	--	--	--	--	--	--
21N/15E-12C80	M	10-04-67	5050	--	00.01M	--	--	--	--	--	--	--	--	--	--
21N/15E-18F02	M	10-10-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
21N/16E-18H01	M	10-04-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
22N/03E-17K01	M	11-02-66	5050	00.00M	00.02M	--	--	--	--	--	00.62M	00.02M	00.17M	--	--
22N/13E-19N01	M	07-26-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
22N/14E-14F02	M	07-27-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
22N/14E-25H01	M	10-10-67	5050	--	00.05M	--	--	--	--	--	--	--	--	--	--
22N/15E-17C03	M	07-27-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
22N/15E-35F01	M	10-09-67	5050	--	00.01M	--	--	--	--	--	--	--	--	--	--

TABLE E-2
 TRACE ELEMENT ANALYSES OF GROUND WATER

STATE WELL NO.	DATE	LAB	AL LI	AS MN	BE MO	SI NI	BR PR	CD TI	CO V	CH ZN	CU	FE	GA	GE
22N/16E-05N02 M	07-27-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
22N/16E-19E01 M	07-27-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
22N/16E-32E03 M	10-09-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
23N/01W-09L01 M	08-08-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
23N/14E-21R02 N	07-27-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
23N/14E-35L02 M	07-27-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
23N/15E-28H04 M	07-27-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
23N/16E-24M00 N	09-08-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
24N/09E-16H01 N	07-25-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
24N/10E-19D01 N	07-25-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
25N/02W-04G01 N	07-25-67	5050	--	00.01M	--	--	--	--	--	--	--	--	--	--
25N/02E-07K01 N	07-25-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
26N/10E-04C01 N	07-25-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
26N/10E-05K01 N	07-25-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
26N/10E-23K01 N	07-25-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
26N/15E-03F01 N	08-16-67	5050	--	00.01M	--	--	--	--	--	--	--	--	--	--
27N/09E-35P01	07-25-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
28N/07E-14M01 N	07-25-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
28N/13E-02J01 N	02-14-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
28N/14E-02G01 N	02-15-67	5050	--	00.03M	--	--	--	--	--	--	--	--	--	--
28N/14E-17G01 N	02-15-67	5050	--	00.01M	--	--	--	--	--	--	--	--	--	--
28N/15E-06K02 N	08-17-67	5050	--	00.01M	--	--	--	--	--	--	--	--	--	--
28N/16E-09H01 N	02-15-67	5050	--	00.19M	--	--	--	--	--	--	--	--	--	--
28N/17E-18K01 N	08-16-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
29N/12E-04G01 N	02-14-67	5050	--	00.02M	--	--	--	--	--	--	--	--	--	--
29N/12E-05K01 N	02-15-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
29N/12E-15A01 N	05-15-67	5050	20.04M	00.00M	--	--	--	--	--	00.03M	00.02M	00.02M	--	--
29N/13E-01G01 N	02-15-67	5050	--	00.04M	--	--	--	--	--	--	--	--	--	--
29N/13E-04K01 N	02-15-67	5050	--	00.01M	--	--	--	--	--	--	--	--	--	--
29N/13E-11M01 N	02-14-67	5050	--	00.02M	--	--	--	--	--	--	--	--	--	--
29N/13E-14G01 N	02-14-67	5050	--	00.02M	--	--	--	--	--	--	--	--	--	--
29N/13E-21M01 N	02-15-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
29N/14E-04H01 N	02-15-67	5050	--	00.02M	--	--	--	--	--	--	--	--	--	--
29N/14E-17U01 N	04-18-67	5050	--	00.25M	--	--	--	--	--	--	--	--	--	--

TABLE E-2
 TRACE ELEMENT ANALYSES OF GROUND WATER

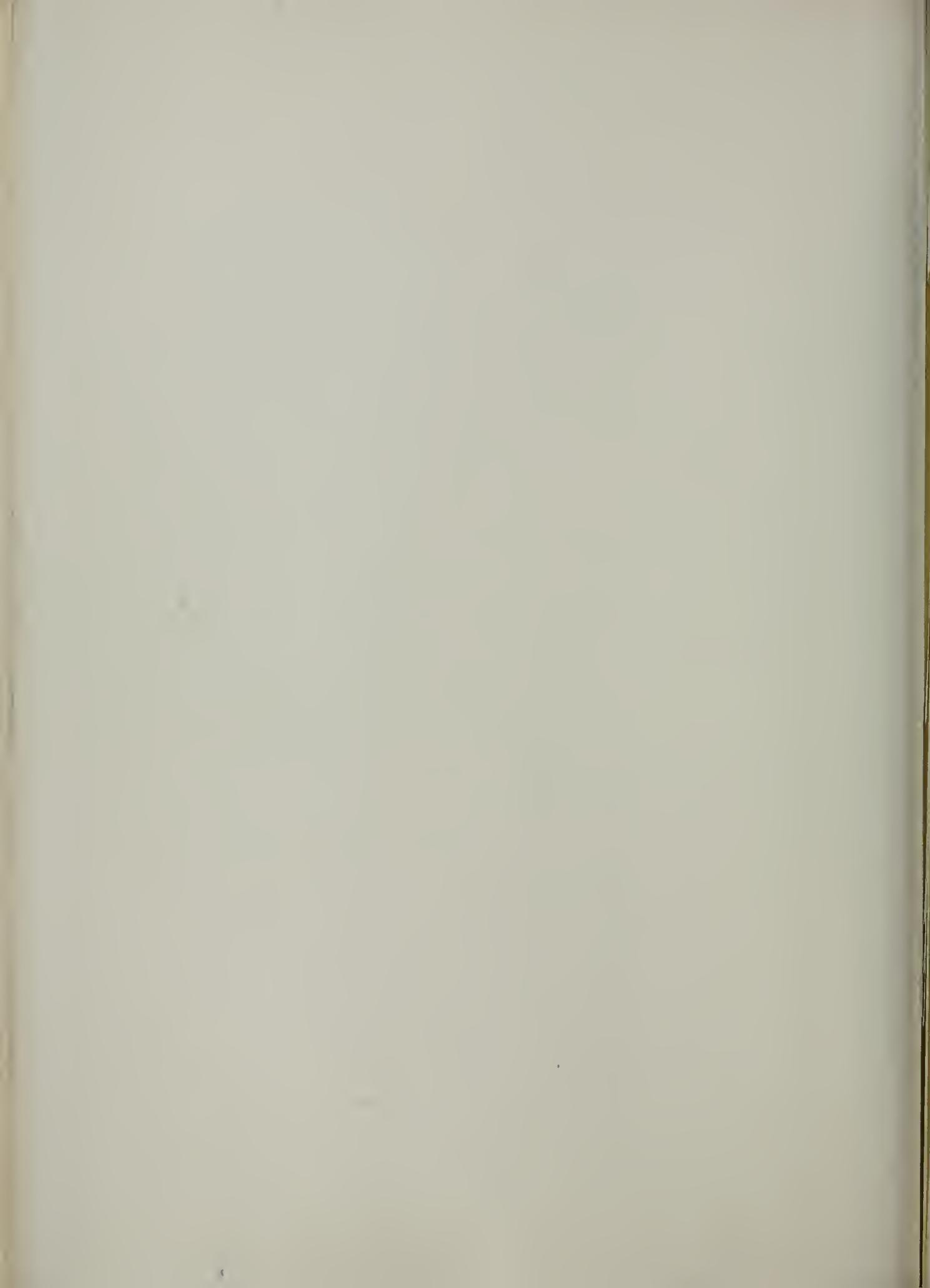
STATE	WELL NO.	DATE	LAB	AL LI	AS MN	BE MD	SI NI	BR PS	CD TI	CO V	CH ZN	CU	FE	GA	GE
29N/14E-17W01	M 08-18-67	5050	--	--	002.0M	--	--	--	--	--	--	--	--	--	--
29N/14E-18W01	M 08-18-67	5050	--	--	00.05M	--	--	--	--	--	--	--	--	--	--
29N/14E-18W01	M 02-14-67	5050	--	--	00.30M	--	--	--	--	--	--	--	--	--	--
29N/14E-19A02	M 08-16-67	5050	--	--	00.12M	--	--	--	--	--	--	--	--	--	--
29N/14E-20B01	M 08-18-67	5050	--	--	00.97M	--	--	--	--	--	--	--	--	--	--
29N/14E-20K01	M 08-18-67	5050	--	--	00.05M	--	--	--	--	--	--	--	--	--	--
29N/14E-20C02	M 08-18-67	5050	--	--	00.57M	--	--	--	--	--	--	--	--	--	--
29N/14E-20G01	M 08-18-67	5050	--	--	00.14M	--	--	--	--	--	--	--	--	--	--
29N/15E-21N01	M 02-15-67	5050	--	--	00.00M	--	--	--	--	--	--	--	--	--	--
29N/15F-21N02	I 02-15-67	5050	--	--	00.04M	--	--	--	--	--	--	--	--	--	--
29N/15F-23K01	H 02-15-67	5050	00.00M	--	00.22M	--	--	--	--	--	00.00M	00.00M	00.01M	--	--
29N/15F-30A02	M 02-16-67	5050	--	--	00.05M	--	--	--	--	--	--	--	--	--	--
29N/16F-30L01	M 02-15-67	5050	--	--	00.00M	--	--	--	--	--	--	--	--	--	--
30N/12F-33J02	M 02-14-67	5050	--	--	00.00M	--	--	--	--	--	--	--	--	--	--
31N/03E-29R01	M 08-22-67	5050	--	--	00.00M	--	--	--	--	--	--	--	--	--	--
31N/12F-25G01	M 08-15-67	5050	--	--	00.00M	--	--	--	--	--	--	--	--	--	--
32N/03E-35C01	M 08-22-67	5050	--	--	--	--	--	--	--	--	--	--	00.26M	--	--
32N/04E-20H01	M 08-22-67	5050	--	--	00.02M	--	--	--	--	--	--	--	--	--	--
34N/13F-18E01	M 08-16-67	5050	--	--	00.00M	--	--	--	--	--	--	--	--	--	--
34N/14F-23E01	M 08-17-67	5050	--	--	00.00M	--	--	--	--	--	--	--	--	--	--
35N/13F-25M01	M 08-19-67	5050	--	--	00.00M	--	--	--	--	--	--	--	--	--	--
35N/16F-18J01	M 08-10-67	5050	--	--	00.00M	--	--	--	--	--	--	--	--	--	--
37N/04F-01K01	M 08-14-67	5050	--	--	00.00M	--	--	--	--	--	--	--	--	--	--
37N/05F-19L01	M 08-16-67	5050	00.05M	--	00.00M	--	--	--	--	--	00.01M	00.00M	--	--	--
37N/07F-02U01	M 08-15-67	5050	00.14M	--	00.30M	--	--	--	--	--	00.01M	00.00M	--	--	--
37N/13F-16A01	M 08-10-67	5050	--	--	00.00M	--	--	--	--	--	--	--	--	--	--
37N/13F-20N01	M 08-10-67	5050	--	--	00.02M	--	--	--	--	--	--	--	--	--	--
38N/07F-02P01	M 08-15-67	5050	00.05M	--	00.00M	--	--	--	--	--	00.01M	00.05M	--	--	--
39N/09F-28F20	M 08-12-67	5050	--	--	00.00M	--	--	--	--	--	--	--	--	--	--
39N/17F-07A02	M 08-14-67	5050	--	--	00.06M	--	--	--	--	--	--	--	--	--	--
39N/17F-08P01	M 08-04-67	5050	--	--	00.04M	--	--	--	--	--	--	--	--	--	--
40N/12F-25J01	M 08-07-67	5050	--	--	00.00M	--	--	--	--	--	--	--	--	--	--
40N/16F-36F01	M 08-07-67	5050	--	--	00.01M	--	--	--	--	--	--	--	--	--	--
41N/01F-01F01	M 08-07-67	5050	--	--	00.00M	--	--	--	--	--	--	--	--	--	--

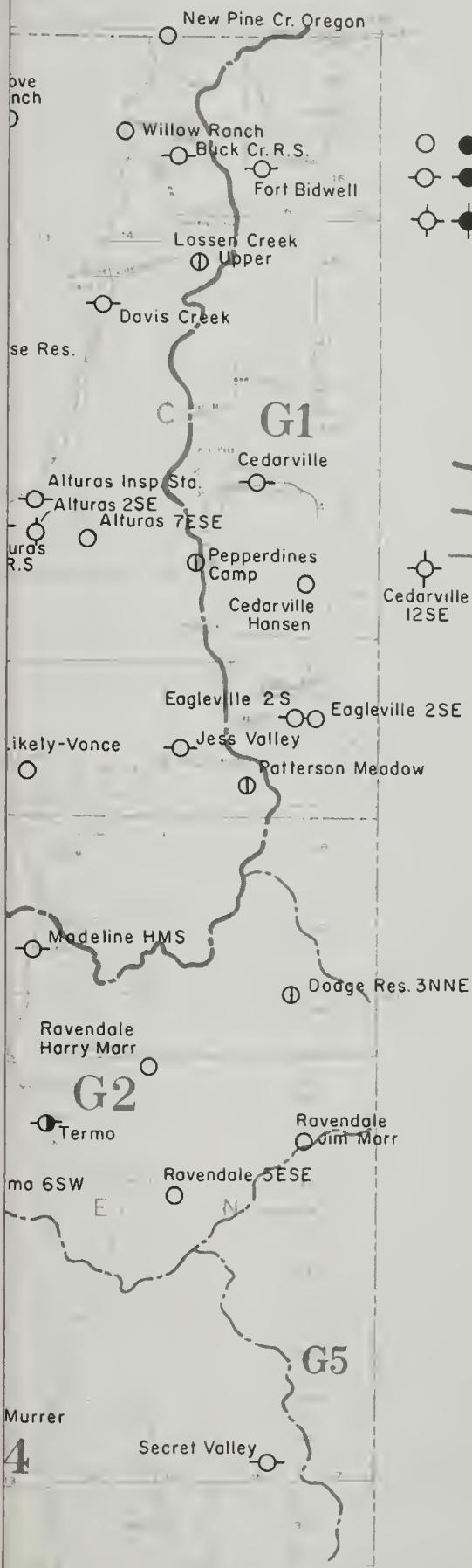
TABLE E-2
TRACE ELEMENT ANALYSES OF GROUND WATER

STATE WELL NO.	DATE	LAH	AL Li	AS Mn	BE Mo	DI Ni	BR Pd	CU Ti	CO V	CR Zn	CU	FE	GA	GE
41N/12E-15N01	08-07-67	2150	--	00.00M	--	--	--	--	--	--	--	--	--	--
41N/13E-18N01	08-07-67	2150	--	--	--	--	--	--	--	--	--	--	--	--
42N/12E-11J01	08-07-67	5050	--	00.01M	--	--	--	--	--	--	--	--	--	--
42N/16E-08E01	08-11-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
42N/16E-08F01	08-11-67	2050	--	00.00M	--	--	--	--	--	--	--	--	--	--
44N/13E-36N01	08-03-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
44N/14E-07N01	08-03-67	5050	--	00.014	--	--	--	--	--	--	--	--	--	--
46N/14E-32J01	08-03-67	5050	--	00.00M	--	--	--	--	--	--	--	--	--	--
48N/14E-23N01	08-03-67	5050	--	00.004	--	--	--	--	--	--	--	--	--	--







**LEGEND**

- ● ○ PRECIPITATION ONLY
- ● ○ PRECIPITATION AND TEMPERATURE
- ● ○ PRECIPITATION, TEMPERATURE AND EVAPORATION

TYPE OF GAGE

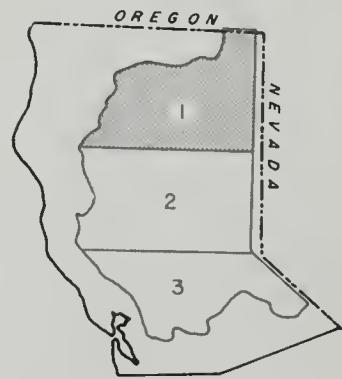
- NON RECORDING
- RECORDING
- BOTH TYPES
- ① STORAGE

— — — BOUNDARY OF AREA OF INVESTIGATION

— — — MAJOR DRAINAGE BOUNDARY

— — — HYDROGRAPHIC BOUNDARY
AND FIRST TWO SYMBOLS
OF STATION CODE NUMBER
(REFER TO EXPLANATION
UNDER CODING IN TEXT)

A1



STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

HYDROLOGIC DATA
NORTHEASTERN CALIFORNIA

CLIMATOLOGICAL
OBSERVATION STATIONS

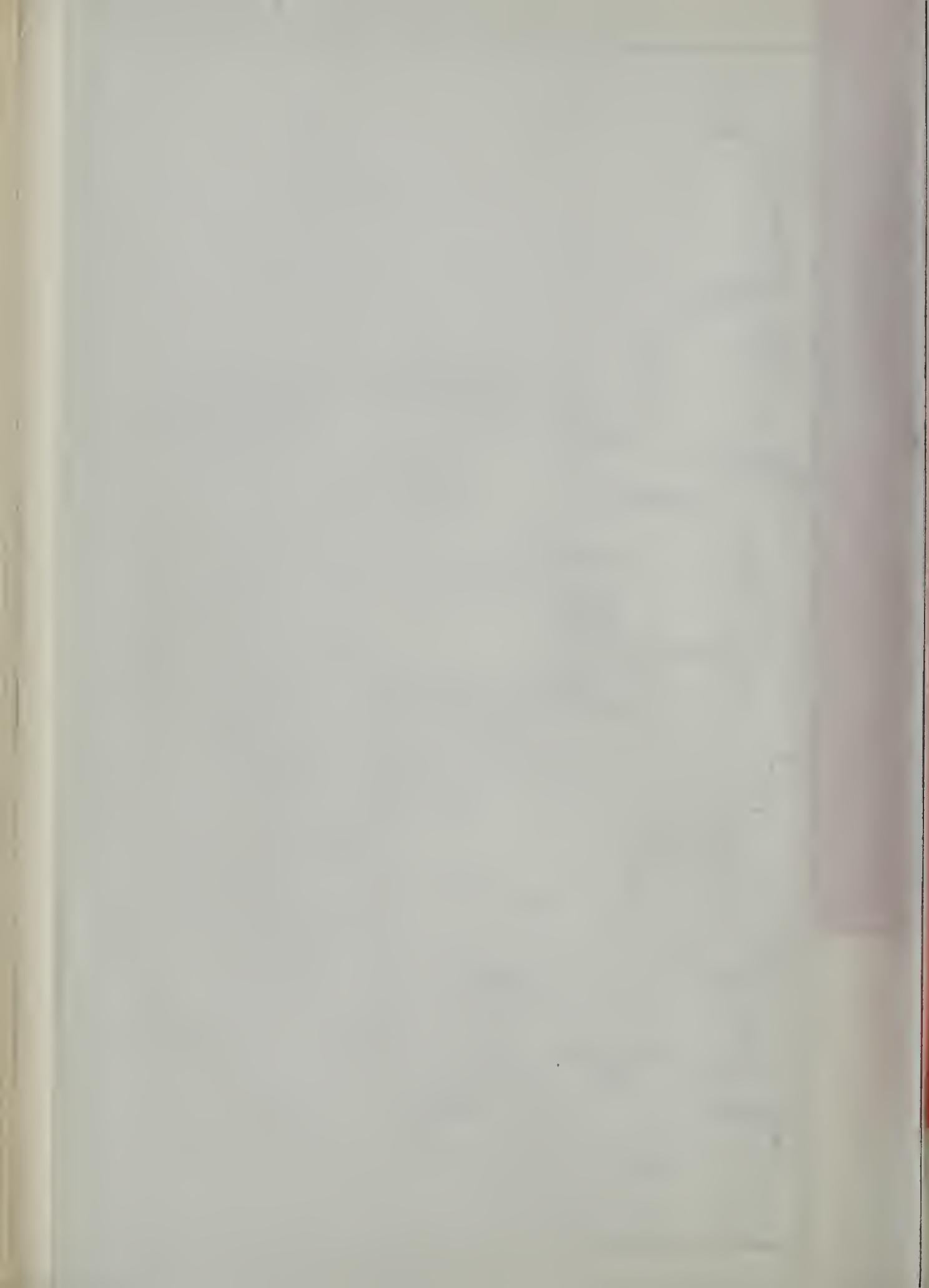
1966-67

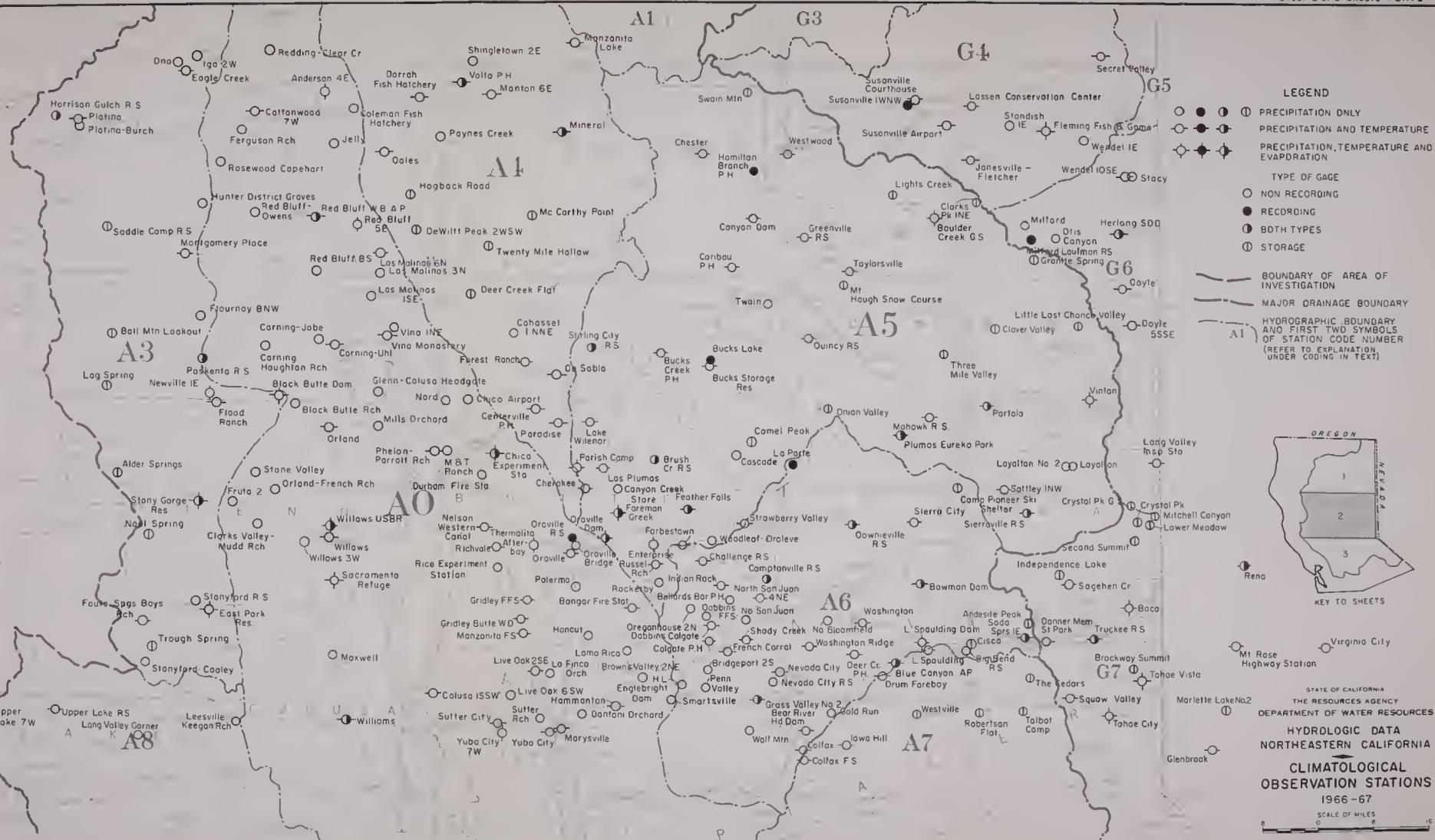
SCALE OF MILES
8 0 8 16













LEGEND

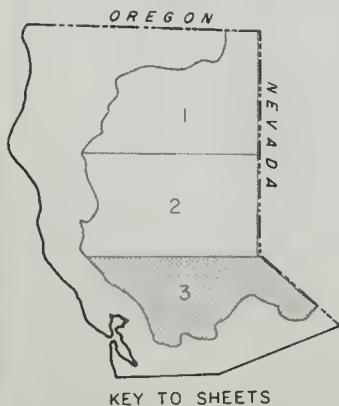
- Le Lake 2
Corson City
Book
Minden
s Insp. Stot.
Woodfords
Grover Hot Sprs
Morkleeville
Topoz Lake
Highland Lakes
Sonoro Junction
Bridgeport R.S.
Bodie
Conway Summit
Mono LAKE
Leaving STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
HYDROLOGIC DATA
NORTHEASTERN CALIFORNIA
CLIMATOLOGICAL
OBSERVATION STATIONS
1966-67
-

- TYPE OF GAGE
- NON RECORDING
 - RECORDING
 - ◐ BOTH TYPES
 - ◑ STORAGE

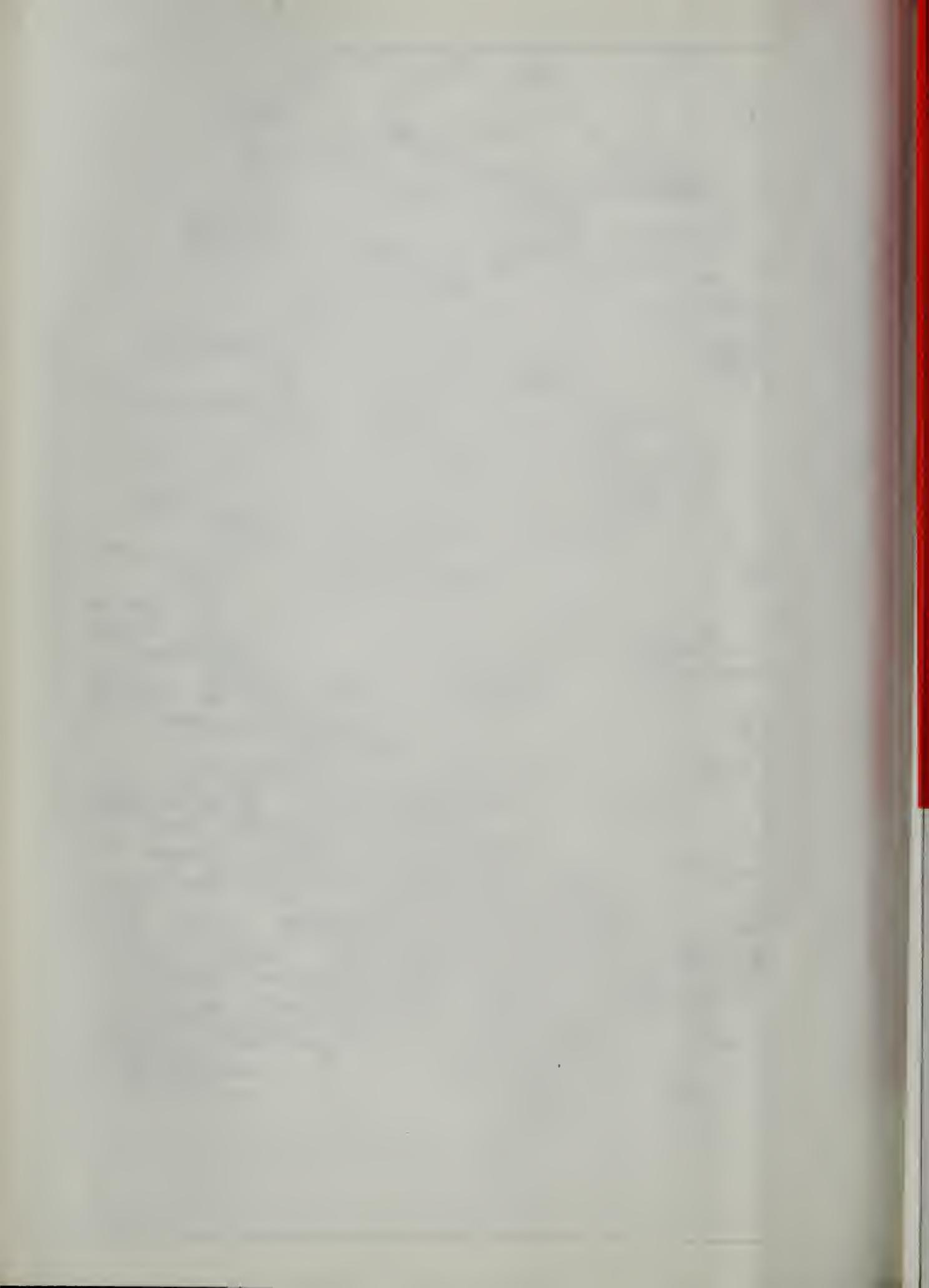
BOUNDARY OF AREA OF INVESTIGATION

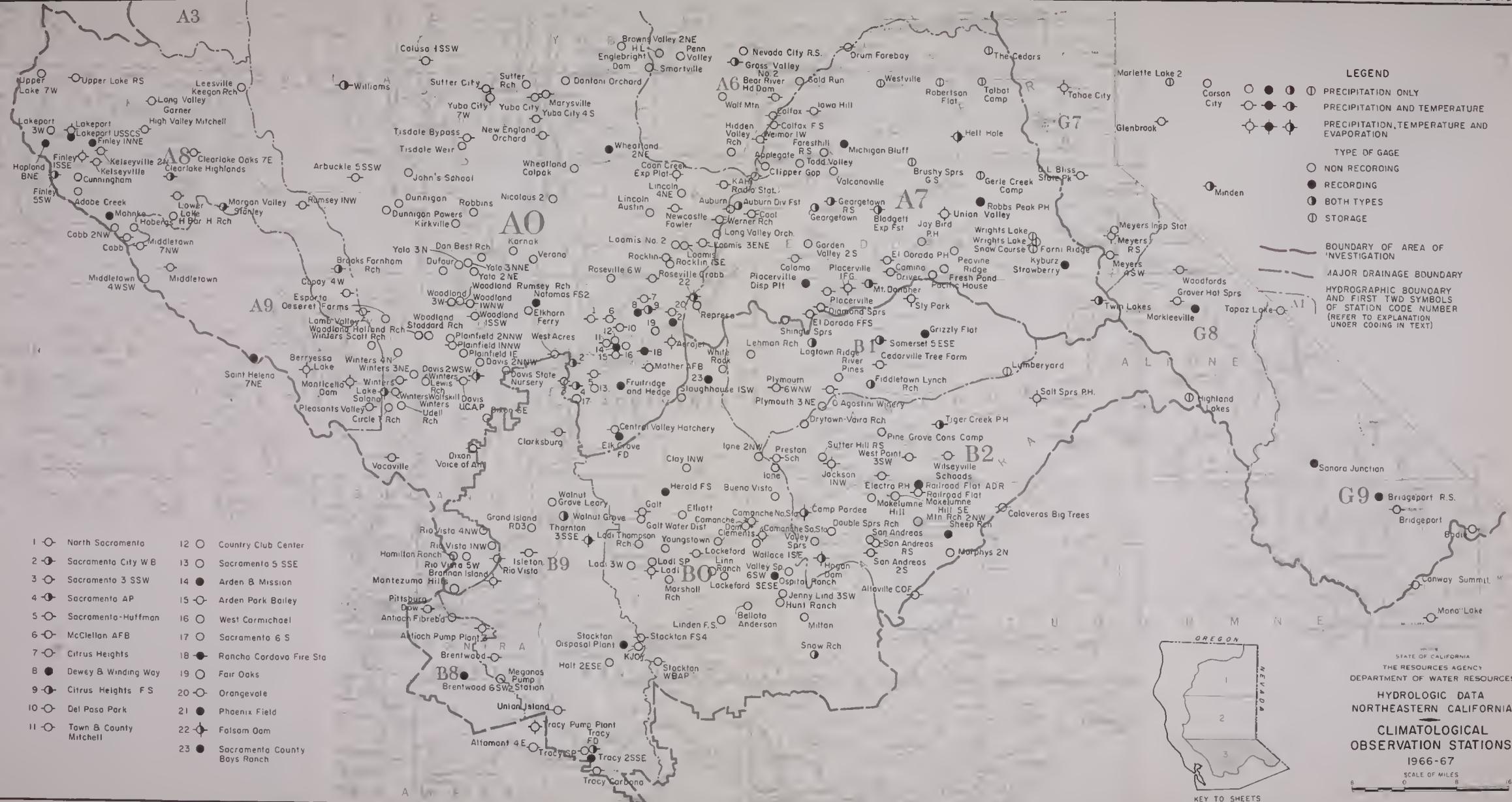
MAJOR DRAINAGE BOUNDARY

HYDROGRAPHIC BOUNDARY AND FIRST TWO SYMBOLS OF STATION CODE NUMBER (REFER TO EXPLANATION UNDER CODING IN TEXT)



SCALE OF MILES
8 0 8 16





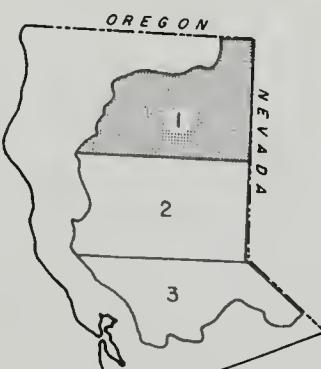




LEGEND

- Boundary of Area of Investigation
- Major Drainage Boundary
- Hydrographic Boundary and First Two Symbols of Station Code Number
- Measurement Station and Last Four Symbols of the Station Code Number

AREA OF DIVERSION MEASUREMENTS



STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

HYDROLOGIC DATA
NORTHEASTERN CALIFORNIA

LOCATION OF SURFACE
WATER MEASUREMENT STATIONS

1966 - 67

SCALE OF MILES
8 0 8 16



SURFACE WATER MEASUREMENT STATIONS

HYDROGRAPHIC AREA A

Sacramento Valley Fluvial
AC3545 North Fork Cottonwood Creek near Igo

Pit River
All349 Horse Creek at Little Valley
1710 Turner Creek near Canby
3055 North Fork Davis Creek near Davis Creek
3060 Lassen Creek near Willow Ranch
3065 Willow Creek near Willow Ranch
4100 Pine Creek near Alturas
5150 Burney Creek near Burney
7220 Fall River near Lana
8350 Ash Creek at Adin

Shasta Lake
A21010 Sacramento River at Keswick
1050 Shasta Lake

Sacramento Valley West Side
A36170 Whiskeytown Lake

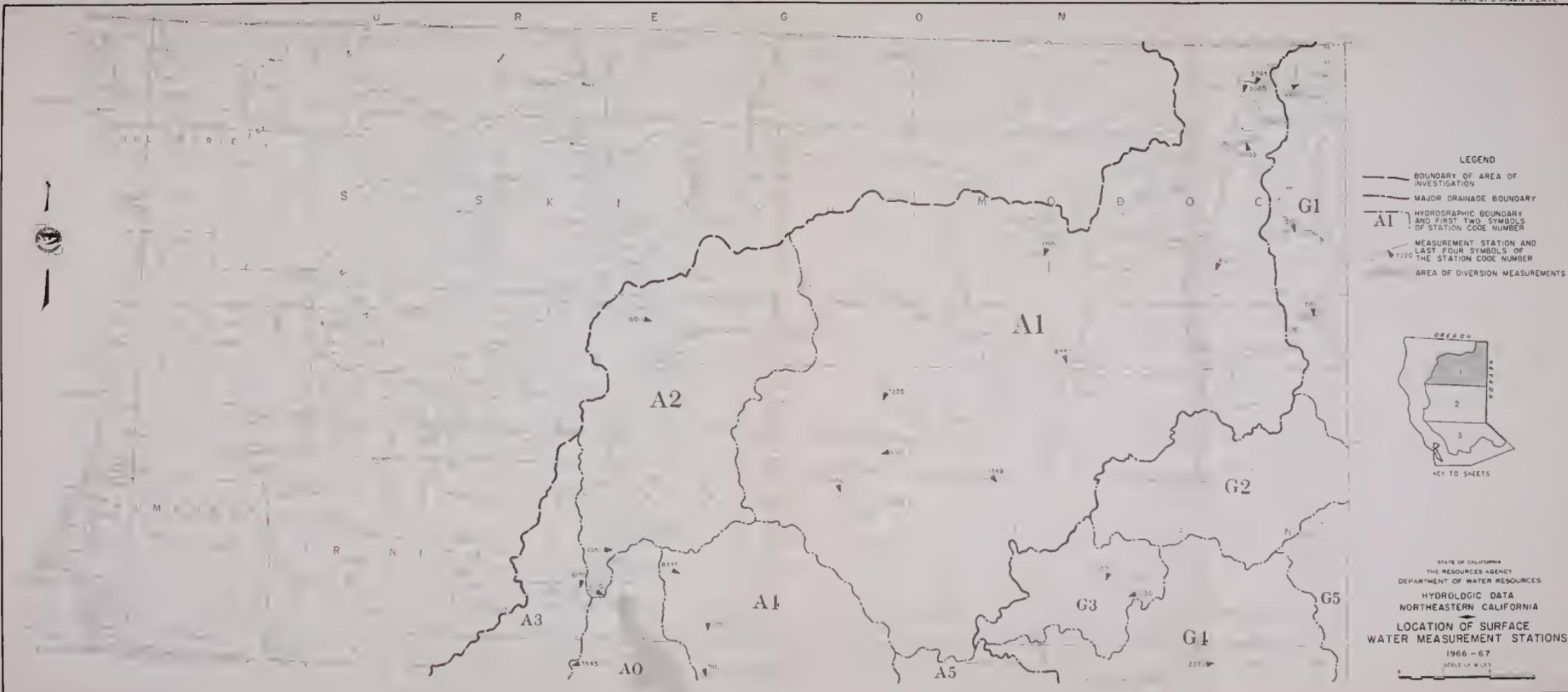
Sacramento Valley Northeast
A40750 Bear Creek near Millville
8375 Salt Creek near Bella Vista

HYDROGRAPHIC AREA J

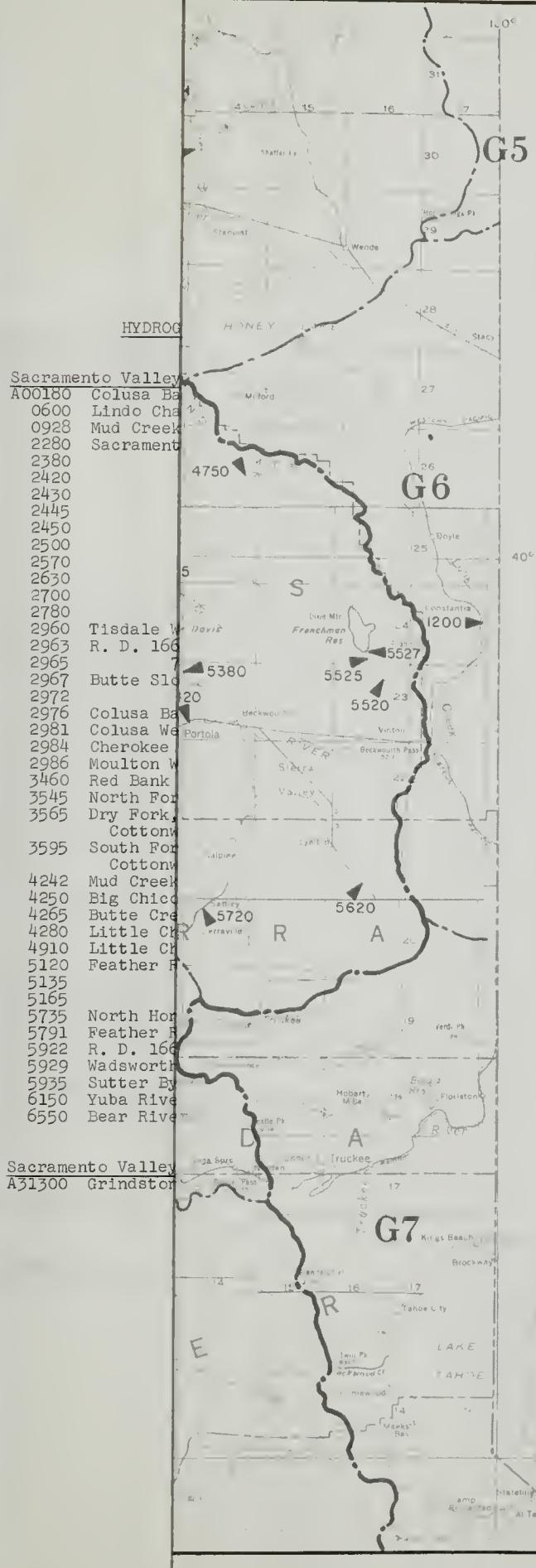
Surprise Valley
G14200 Bidwell Creek near Fort Bidwell
5150 Cedar Creek at Cedarville
7150 Eagle Creek at Eagleville

Eagle Lake
031150 Pine Creek near Susanville
2100 Eagle Lake near Susanville

Sacan River
G42270 Willow Creek near Litchfield

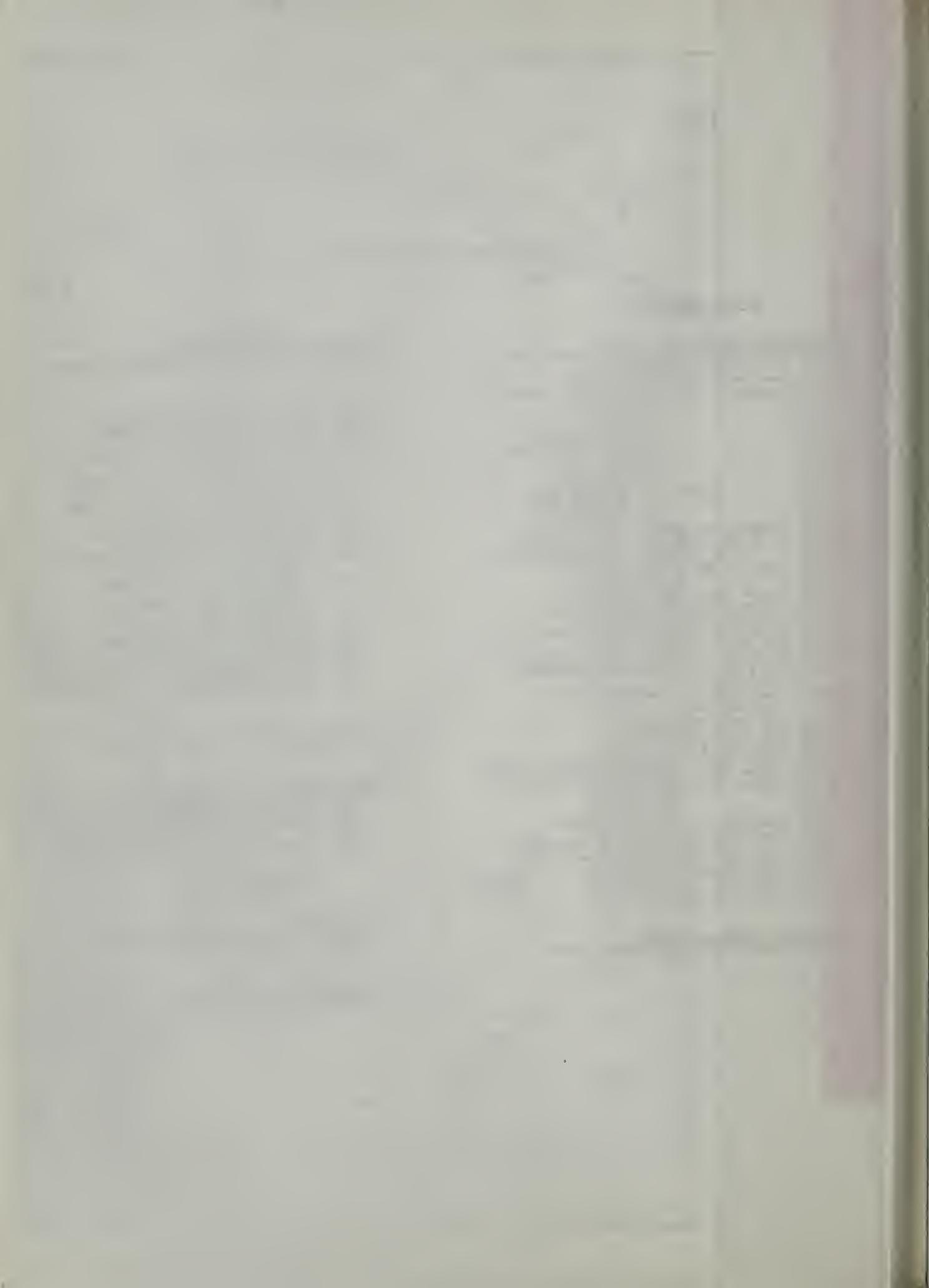












LEGEND

— — — BOUNDARY OF AREA OF INVESTIGATION

— — — MAJOR DRAINAGE BOUNDARY

A8 **— — —** HYDROGRAPHIC BOUNDARY AND FIRST TWO SYMBOLS OF STATION CODE NUMBER

1200 **— — —** MEASUREMENT STATION AND LAST FOUR SYMBOLS OF THE STATION CODE NUMBER

— — — AREA OF DIVERSION MEASUREMENTS

HYDROGRAPHICSacramento Valley Floor

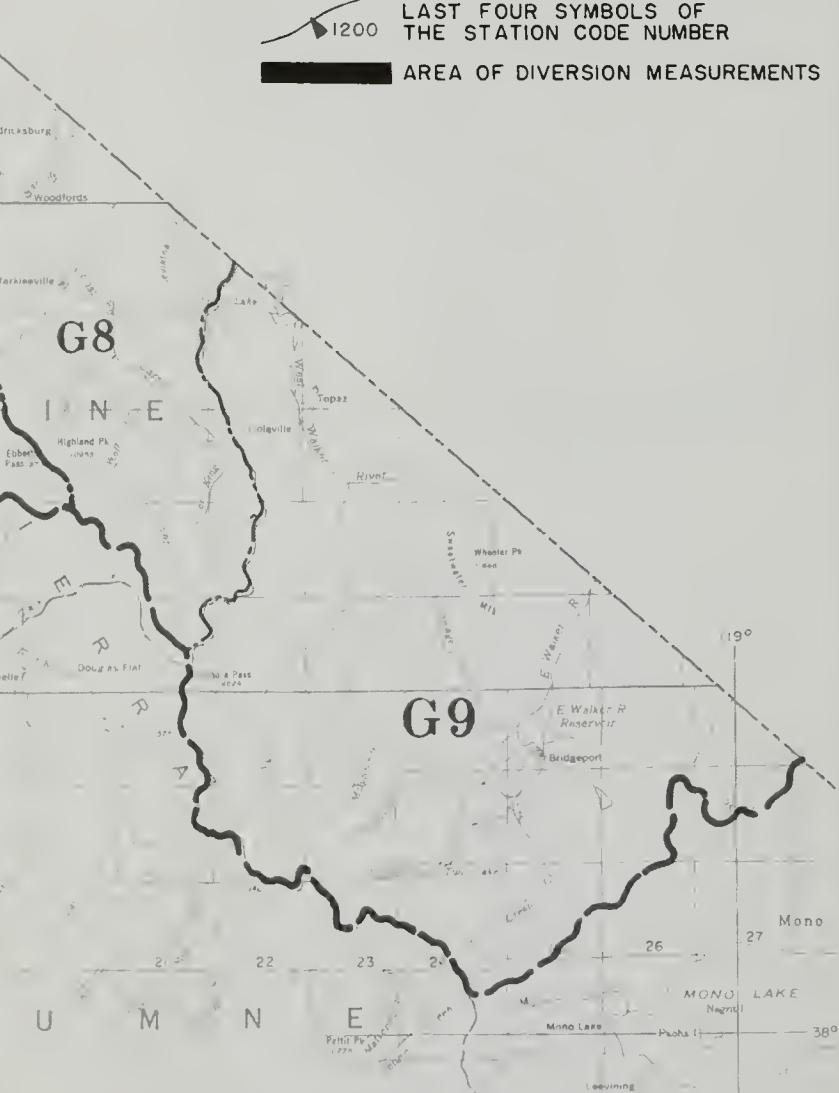
- A00020 Morrison Creek near Sa
 0047 Dry Creek at Roseville
 0180 Colusa Basin Drain near
 2100 Sacramento River at Sa
 2105 at Sa
 2112 at El
 2150 at Ver
 2160 at Fr
 2170 at Fr
 2200 at Kn
 2240 near
 2250 above
 2280 below
 2380 at Me
 2420 at Co
 2903 Sacramento Weir Spill
 2910 Yolo Bypass above Sac
 2925 Sacramento Slough at S
 2926 R.D. 1500 Drainage to
 2927 Sutter Bypass at R.D.
 2930 Fremont Weir Spill to
 2933 R.D. 108 Drainage to S
 2935 Yolo Bypass near Woodl
 2945 Colusa Basin Drain at
 2950 R.D. 787 Drainage to C
 2955 to S
 2960 Tisdale Weir Spill to
 2963 R.D. 1660 Drainage to
 2965 R.D. 70 Drainage to Sa
 2967 Butte Slough at Outfal
 2971 at Mawson
 2976 Colusa Basin Drain at
 2981 Colusa Weir Spill to B
 5103 Feather River at Nicol
 5120 below Sh
 5135 at Yuba
 5922 R.D. 1660 Drainage to
 5929 Wadsworth Canal near S
 5935 Sutter Bypass at Longb
 6150 Yuba River near Marysv
 6550 Bear River near Wheatl
 7140 American River at Sacr
 7175 at Fair
 8125 Cache Creek at Yolo
 9115 South Fork Putah Creek
 9145 Putah Creek above Davi
 9160 below Wint

Yuba-Bear Rivers

- A61430 Yuba River at Englebri

American River

- A71120 Folsom Lake near Fols



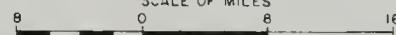
STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

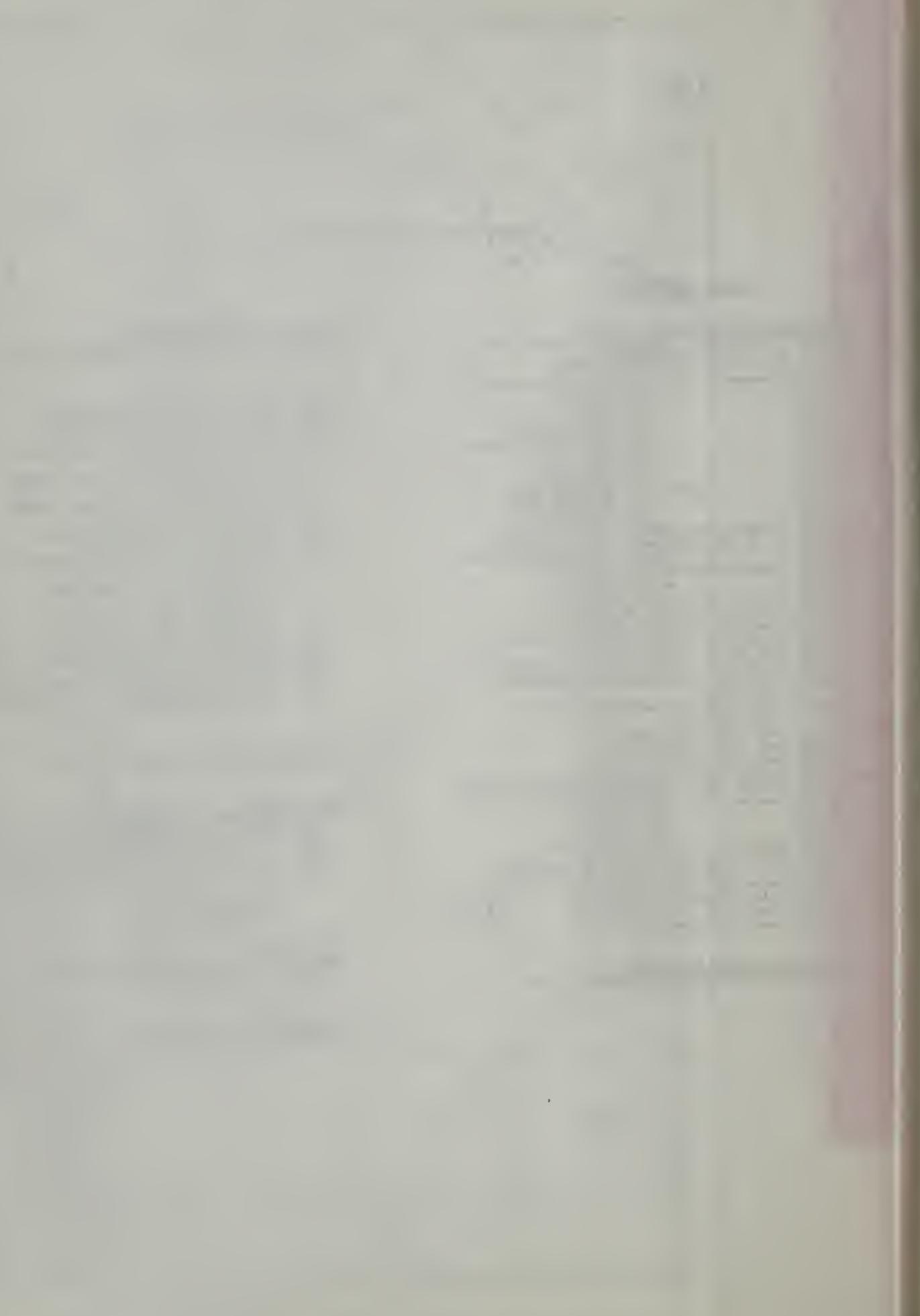
HYDROLOGIC DATA
NORTHEASTERN CALIFORNIA

LOCATION OF SURFACE
WATER MEASUREMENT STATIONS

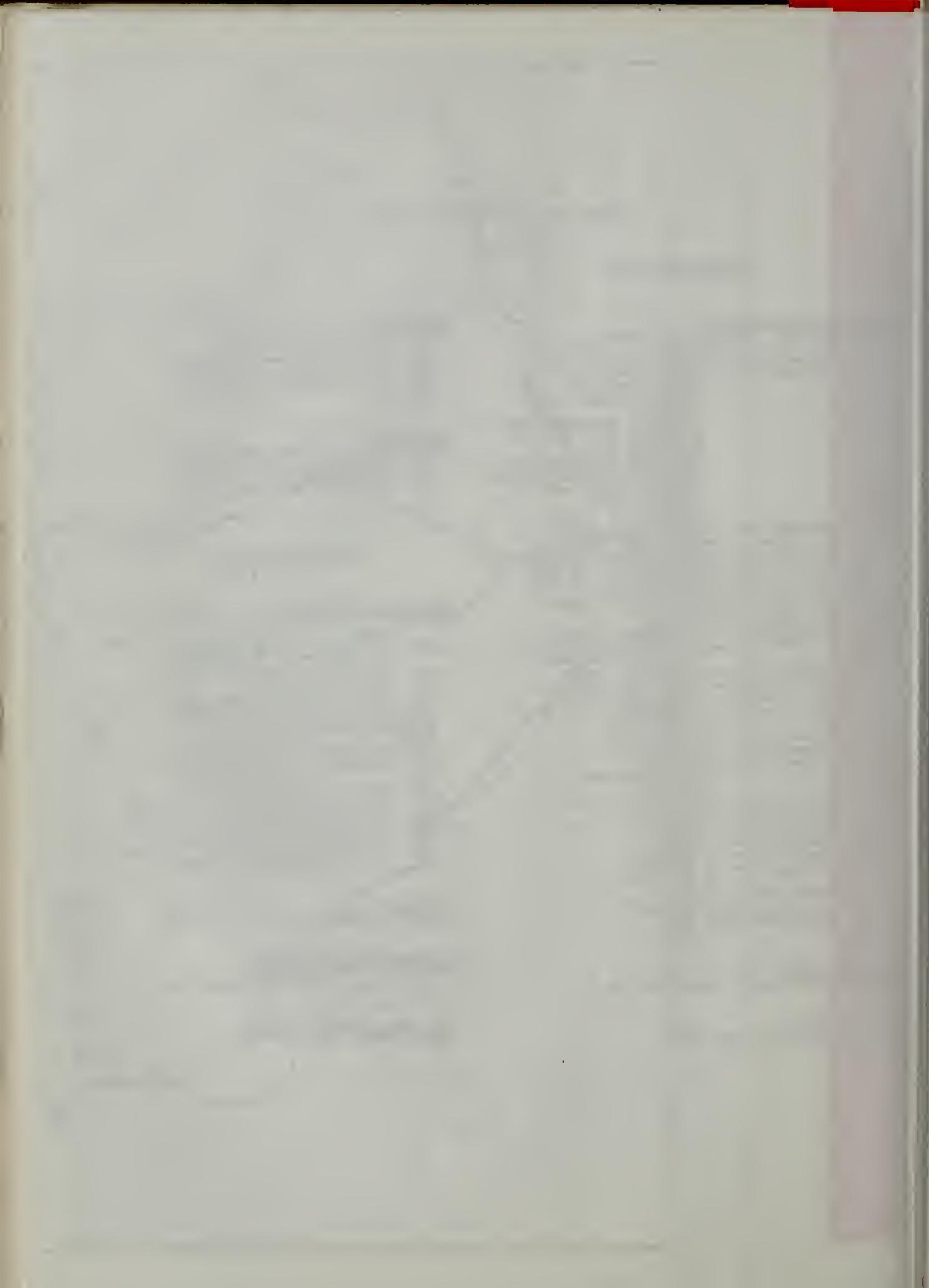
1966-67

SCALE OF MILES









LEGEND

B9 FIRST TWO SYMBOLS OF
STATION CODE NUMBER
MEASUREMENT STATION AND
LAST FOUR SYMBOLS OF THE
STATION CODE NUMBER

SURFACE WATERS

HYDROLOGIC

Sacramento-San Joaquin

B91100 Sacramento River
 1160 Threemile Slough
 1210 Sacramento River
 1500 Yolo Bypass at
 1560 near
 1650 Sacramento River
 1750
 1850
 4150 South Fork Mokelumne River
 4200 Mokelumne River
 5020 San Joaquin River
 5060 Threemile Slough
 5100 San Joaquin River
 5180 Old River near
 5270 near
 5280 Italian Slough
 5295 Kellogg Creek
 5340 Old River at C
 5380 near
 5500 Middle River at
 5580 San Joaquin River
 5620
 5660 Stockton Ship
 5820 San Joaquin River
 5910 Contra Costa Canal
 5925 Delta Mendota



STATE OF CALIFORNIA
 THE RESOURCES AGENCY
 DEPARTMENT OF WATER RESOURCES
 HYDROLOGIC DATA
 NORTHEASTERN CALIFORNIA

SURFACE WATER MEASUREMENT STATIONS
 SACRAMENTO-SAN JOAQUIN DELTA AREA

1966-67

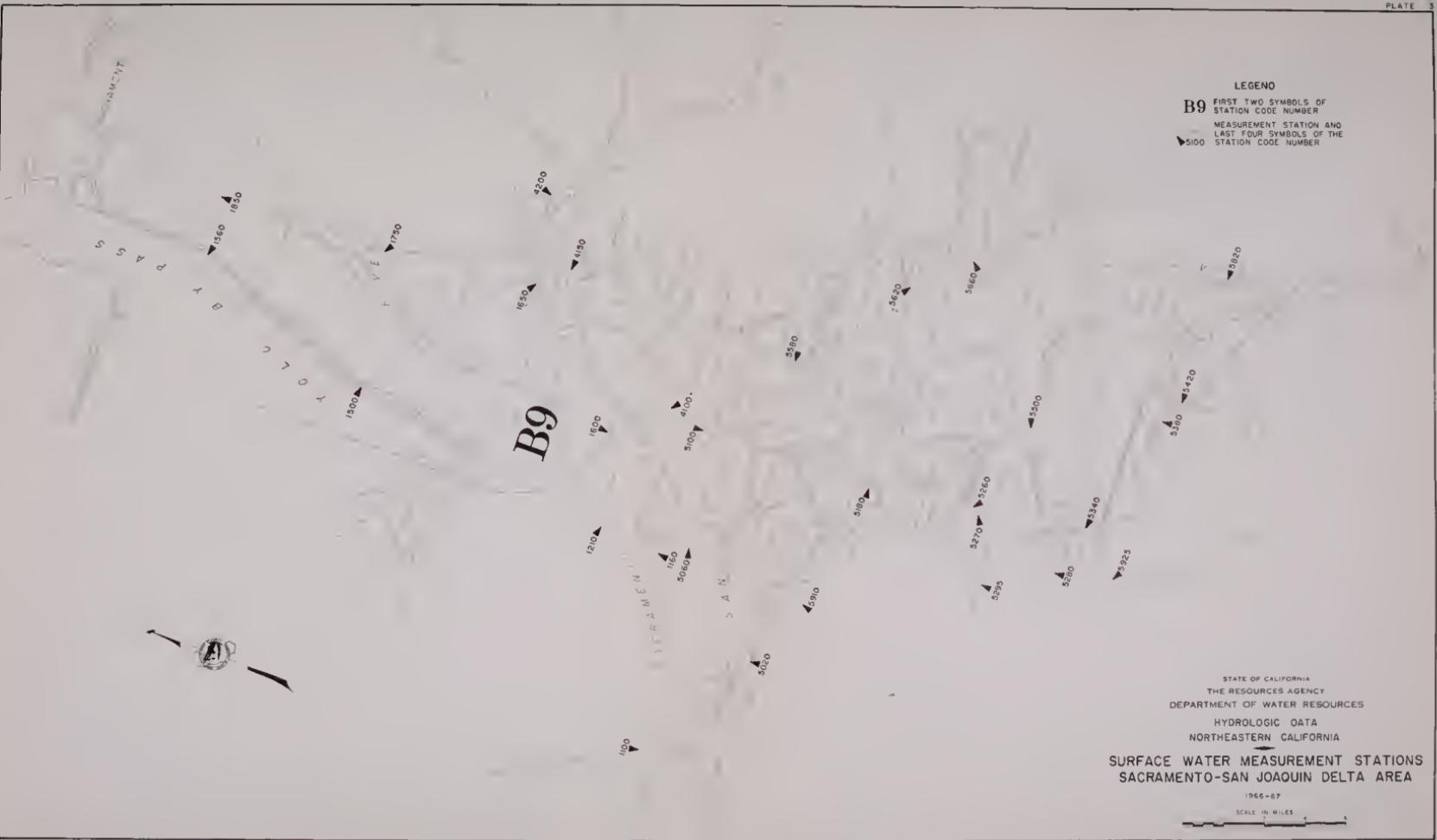
2 0 2 4 6
 SCALE IN MILES

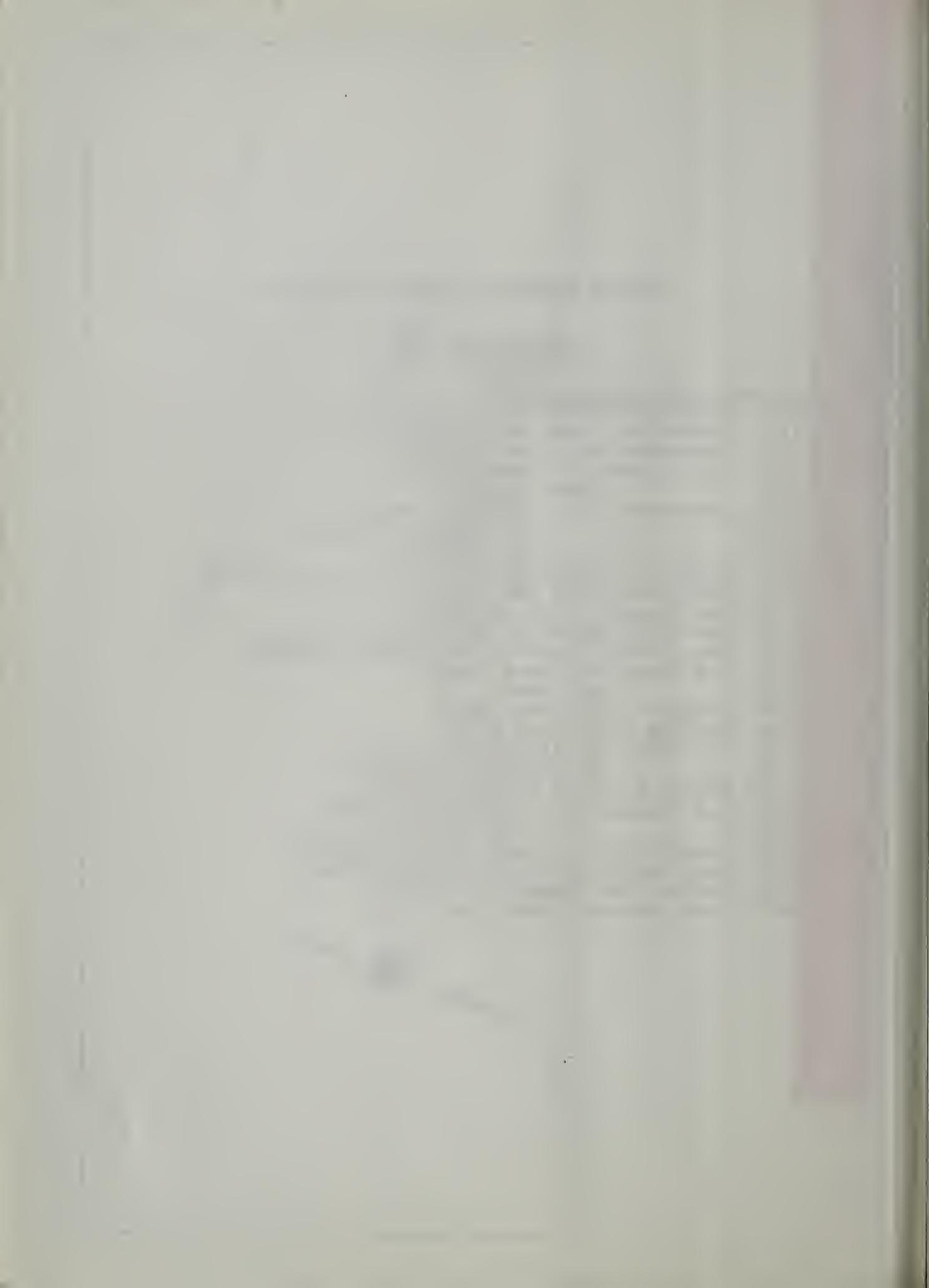
SURFACE WATER MEASUREMENT STATIONS

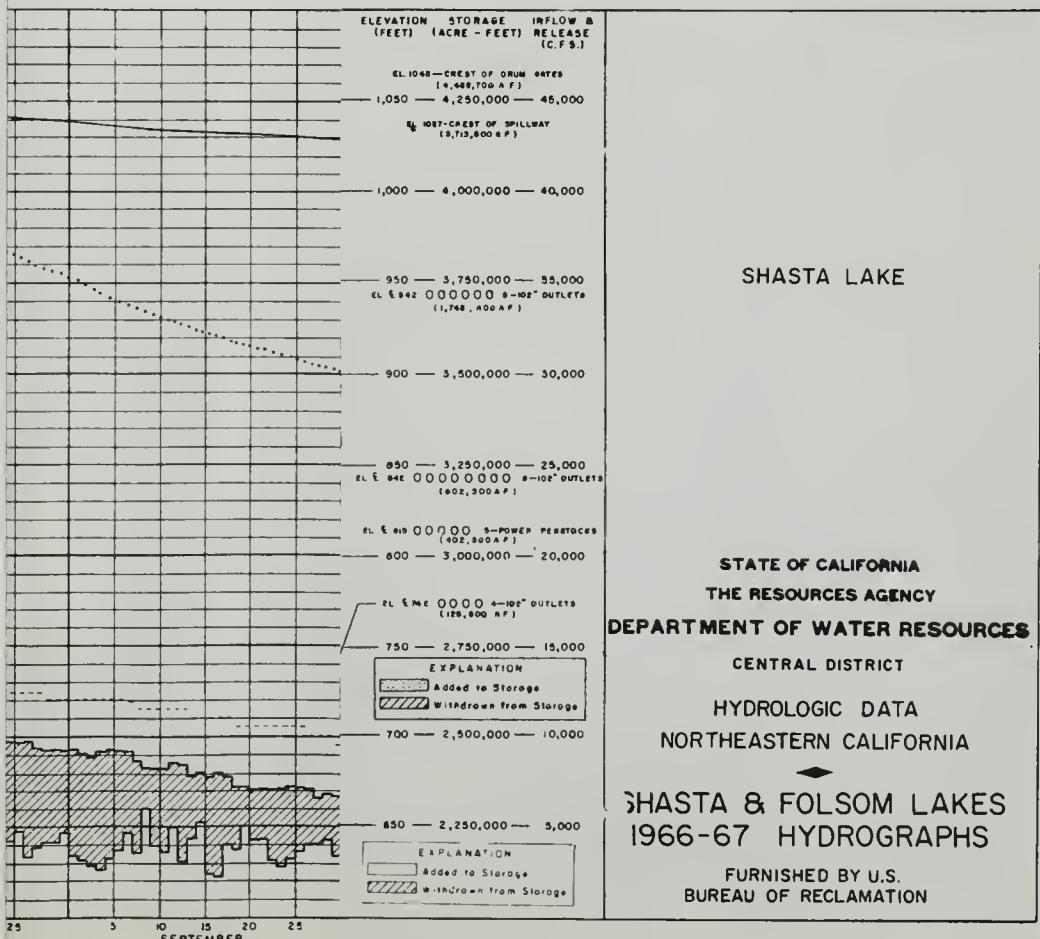
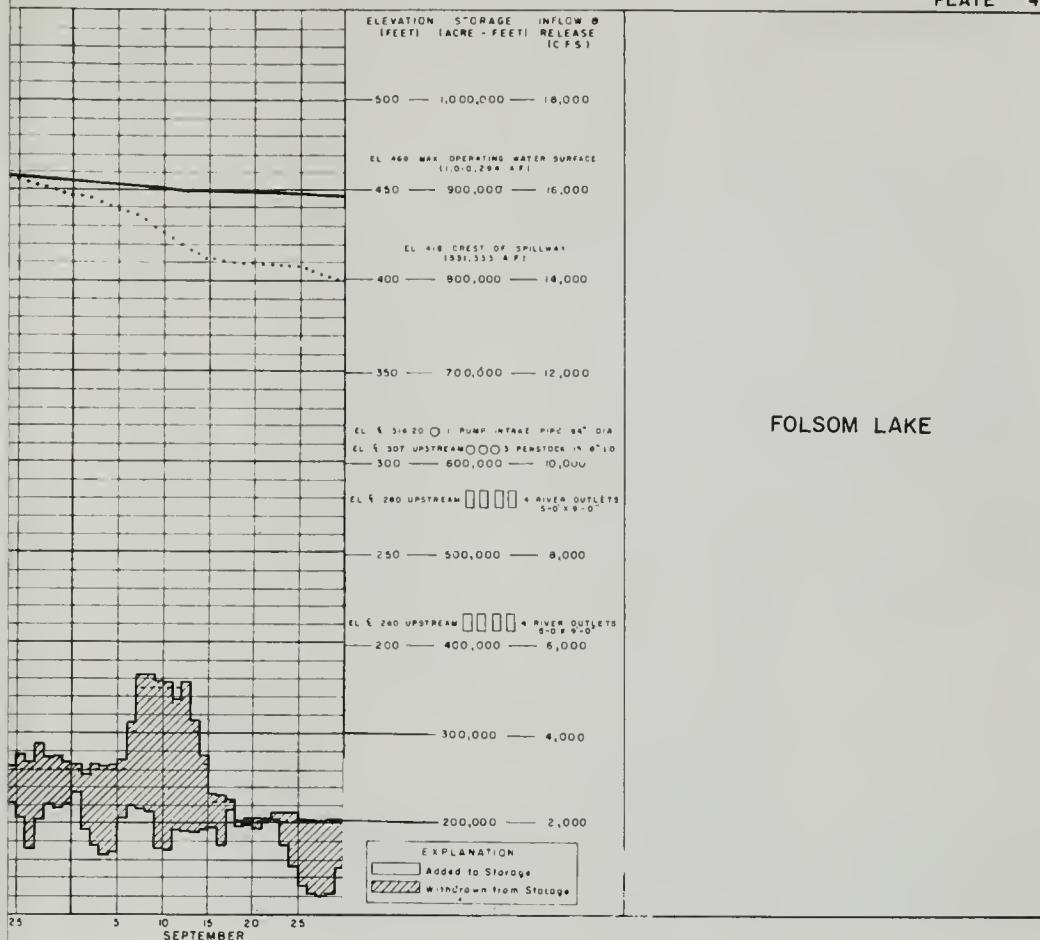
HYDROGRAPHIC AREA B

Sacramento-San Joaquin Delta

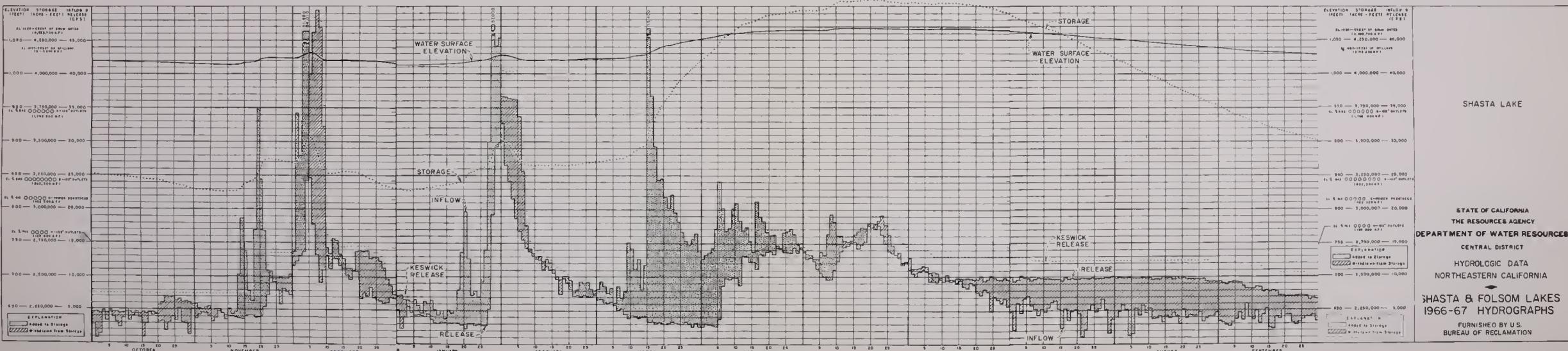
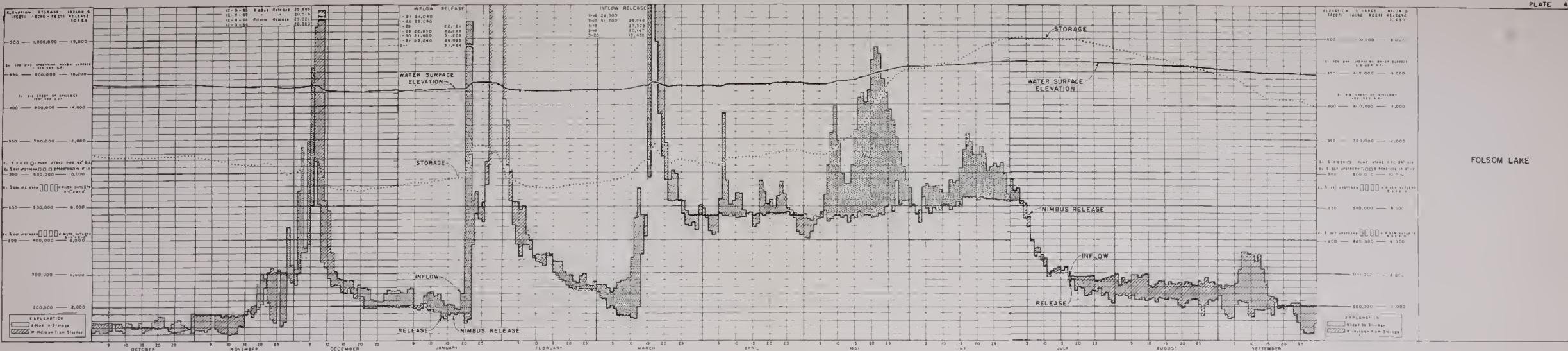
- B91100 Sacramento River at Collinsville
 1160 Threemile Slough at Sacramento River
 1210 Sacramento River at Rio Vista
 1500 Yolo Bypass at Liberty Island
 1560 near Lisbon
 1650 Sacramento River at Walnut Grove
 1750 at Snodgrass Slough
 1850 at Freeport
 4150 South Fork Mokelumne River at New Hope Bridge
 4200 Mokelumne River near Thornton
 5020 San Joaquin River at Antioch
 5060 Threemile Clough at San Joaquin River
 5100 San Joaquin River at San Andreas Landing
 5180 Old River near Rock Slough
 5270 near Byron
 5280 Italian Slough near Byron
 5295 Kellogg Creek near Byron
 5340 Old River at Clifton Court Ferry
 5380 near Tracy Road Bridge
 5500 Middle River at Borden Highway
 5580 San Joaquin River at Venice Island
 5620 at Rindge Pump
 5660 Stockton Ship channel at Burns Cutoff
 5820 San Joaquin River at Mossdale Bridge
 5910 Contra Costa Canal near Oakley
 5925 Delta Mendota Canal near Tracy





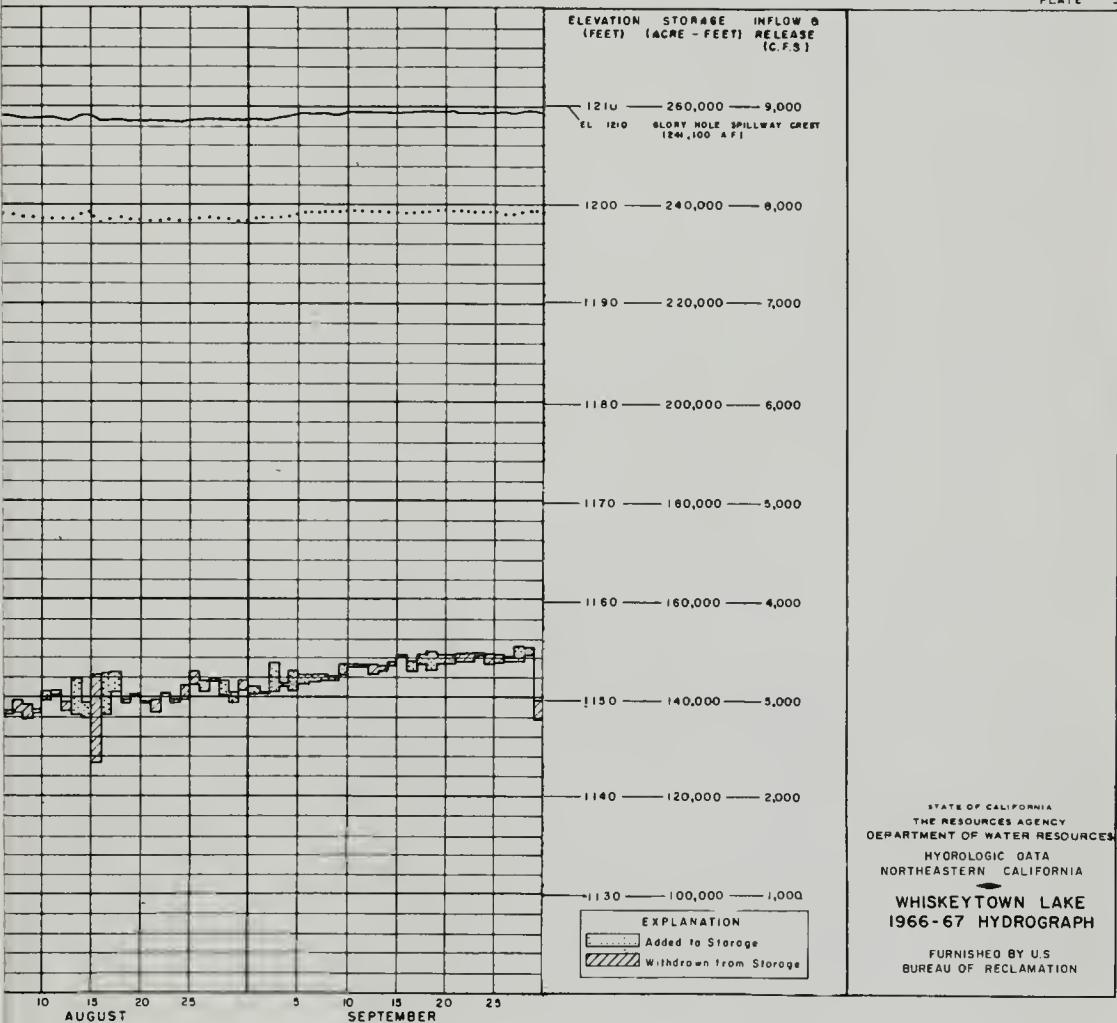




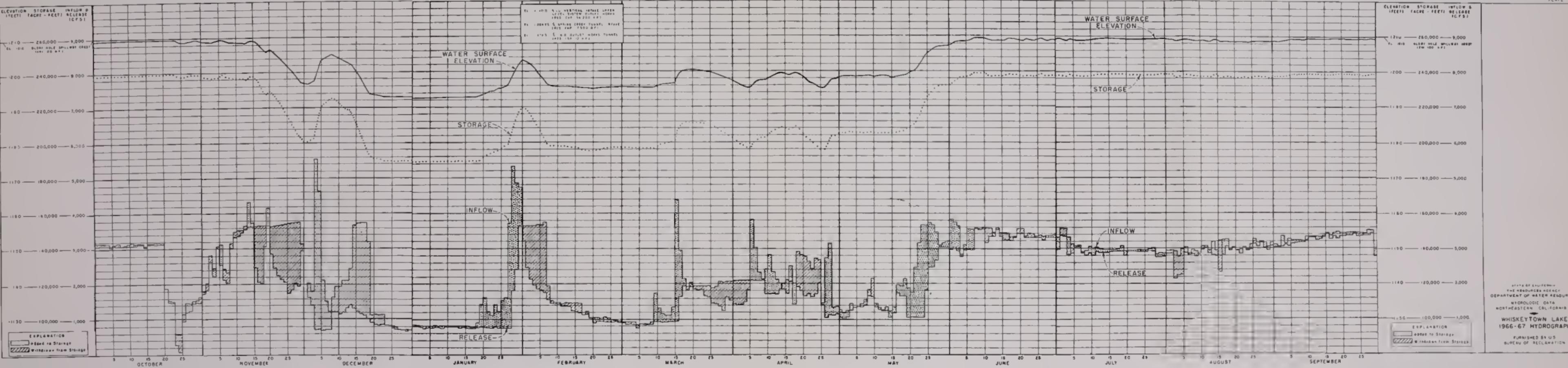


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THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
CENTRAL DISTRICT
HYDROLOGIC DATA
NORTHEASTERN CALIFORNIA
SHASTA & FOLSOM LAKES 1966-67 HYDROGRAPHS
FURNISHED BY U.S.
BUREAU OF RECLAMATION

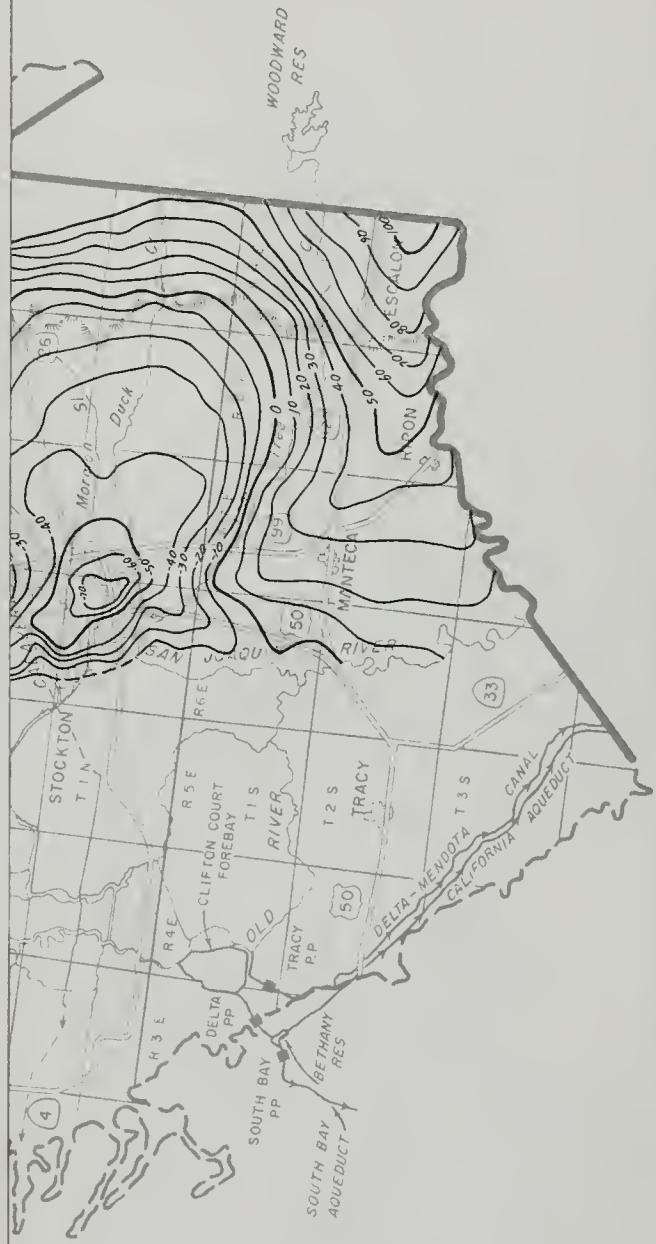












STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
HYDROLOGIC DATA
NORTHEASTERN CALIFORNIA

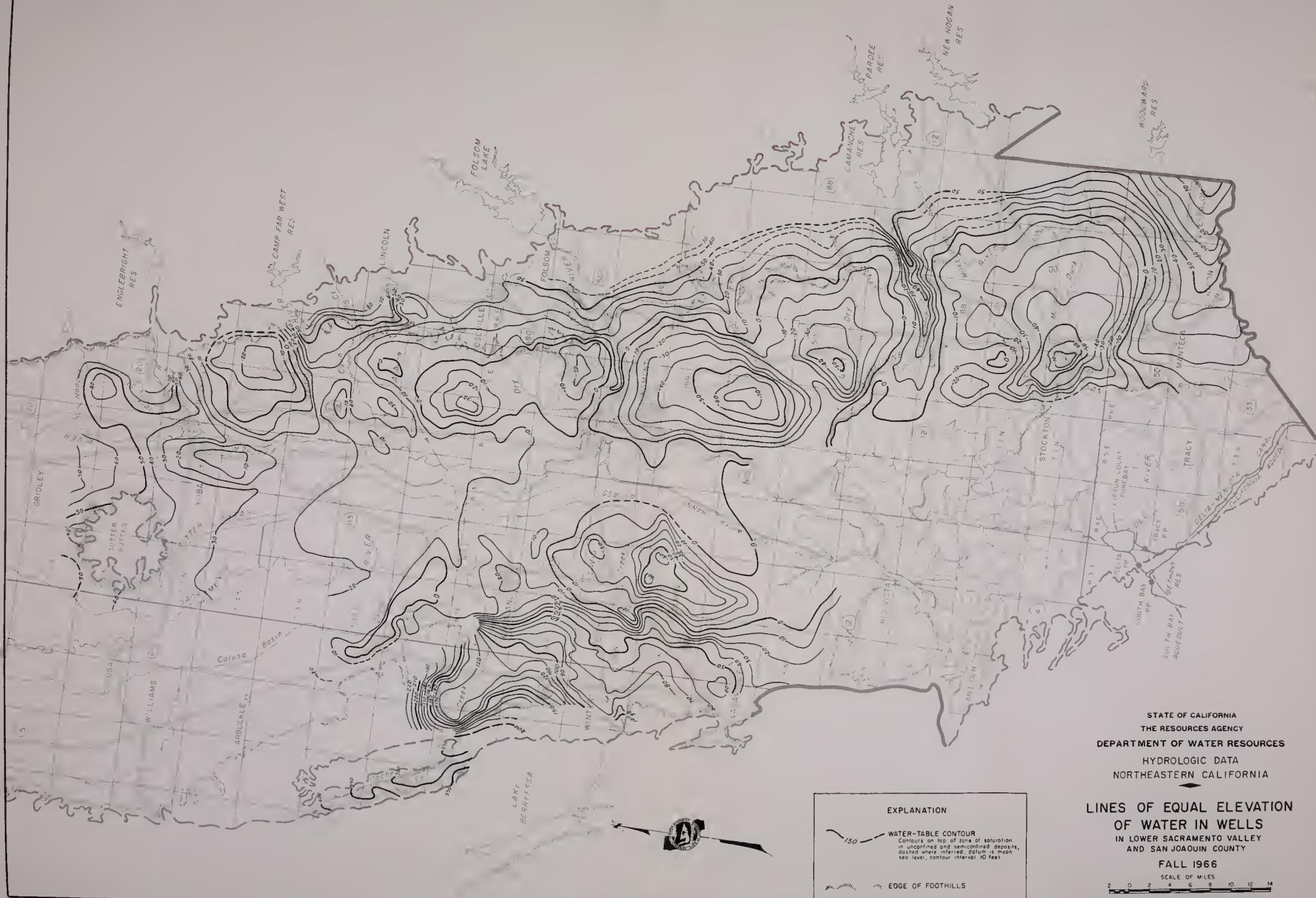
LINES OF EQUAL ELEVATION
OF WATER IN WELLS
IN LOWER SACRAMENTO VALLEY
AND SAN JOAQUIN COUNTY

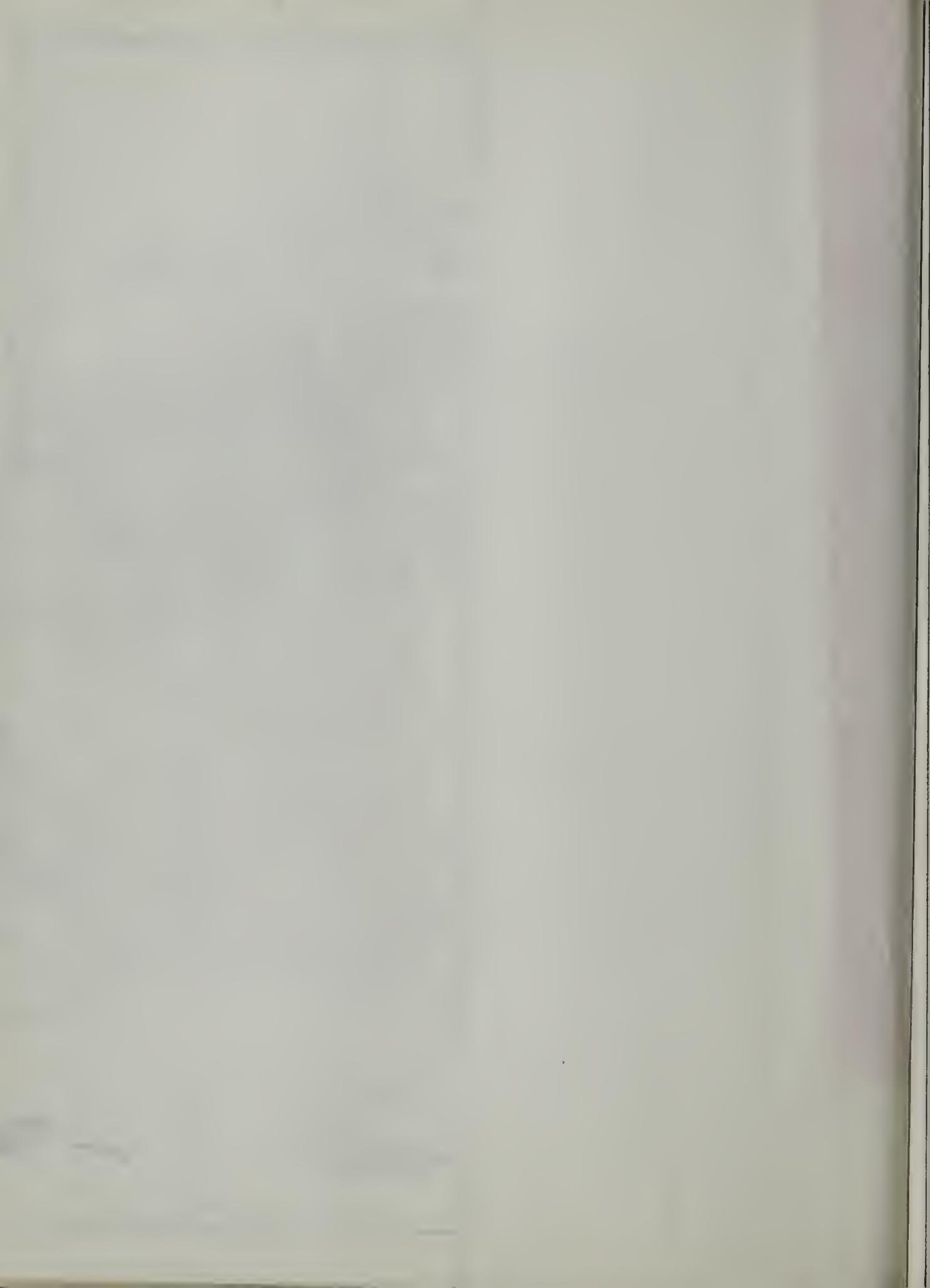
FALL 1966

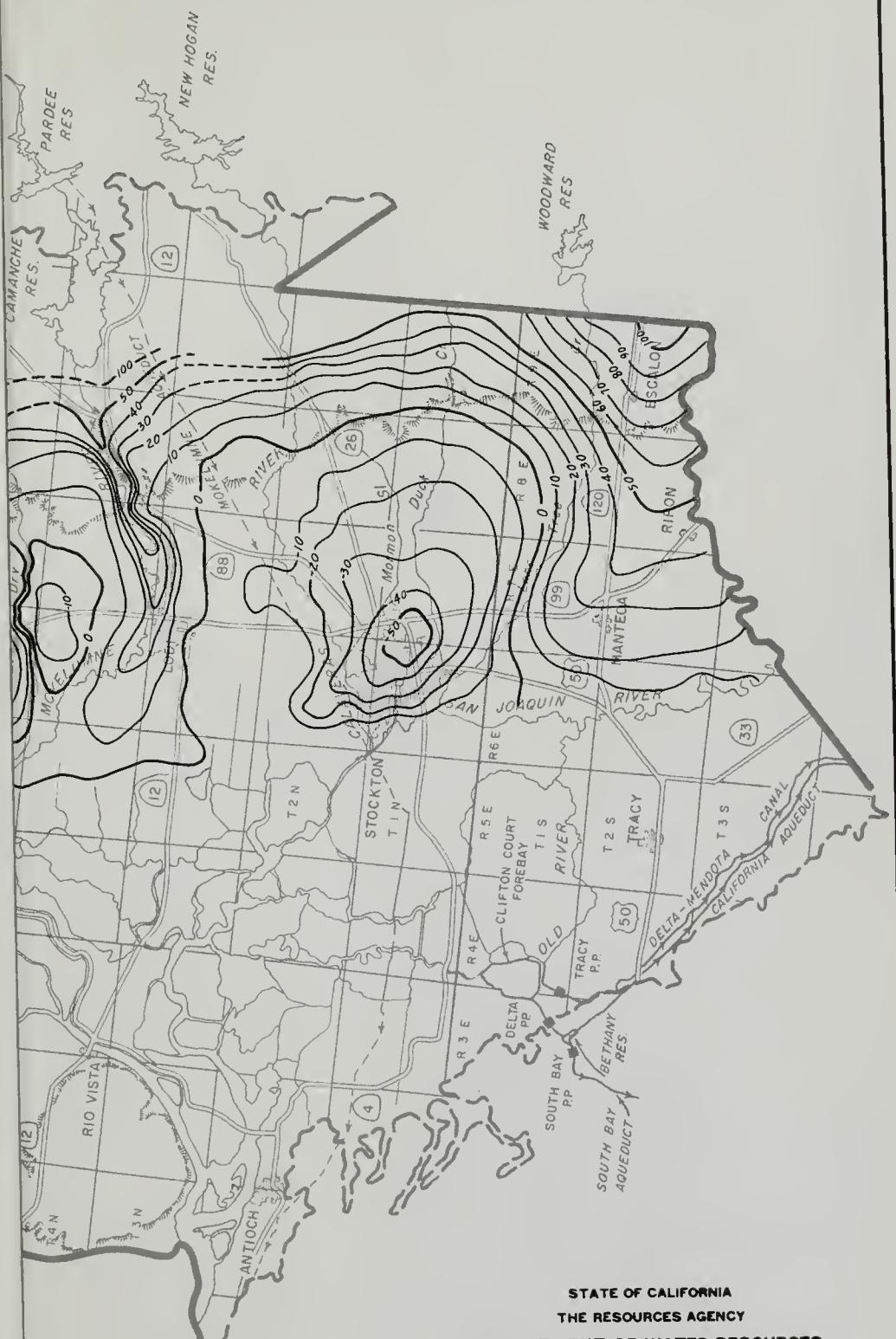
SCALE OF MILES

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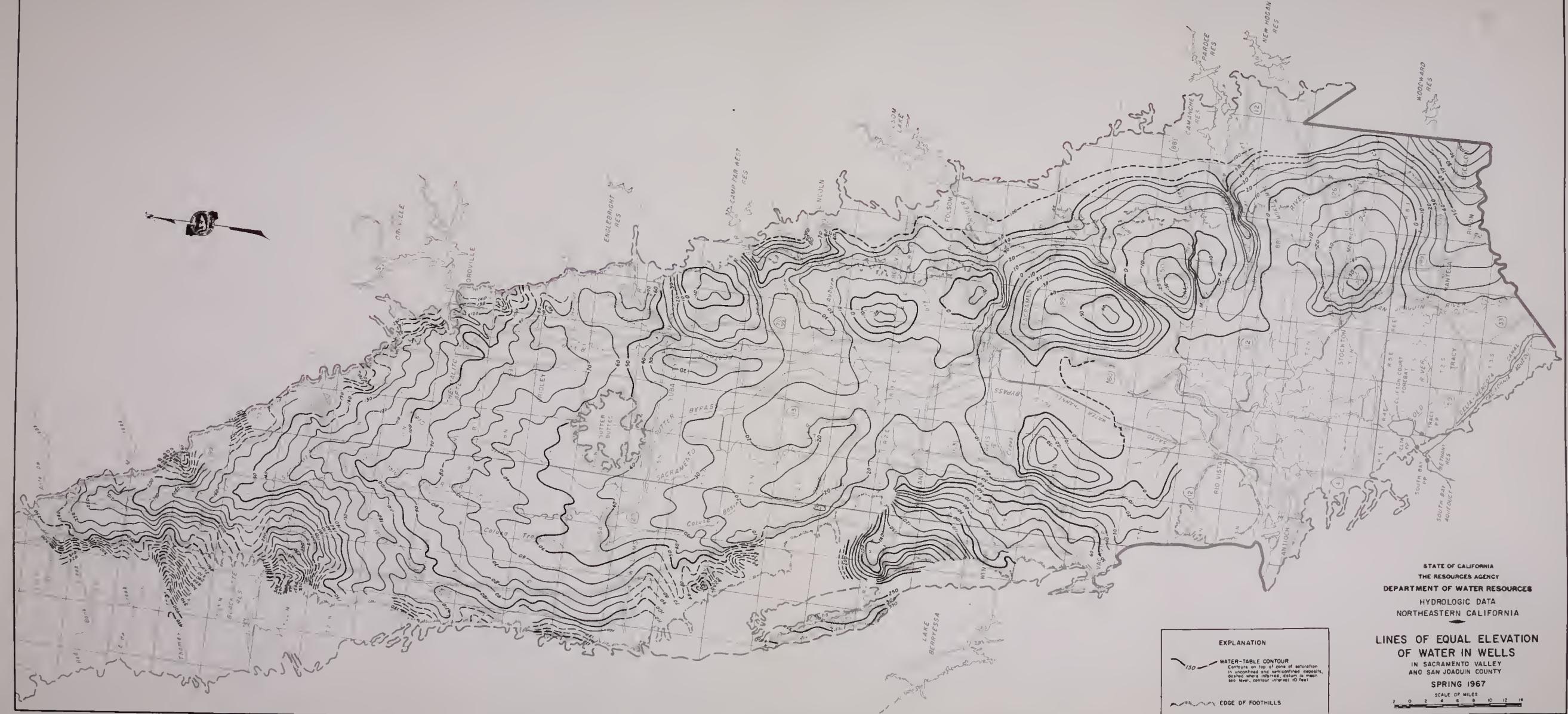
LINES OF EQUAL ELEVATION OF WATER IN WELLS

IN SACRAMENTO VALLEY
AND SAN JOAQUIN COUNTY

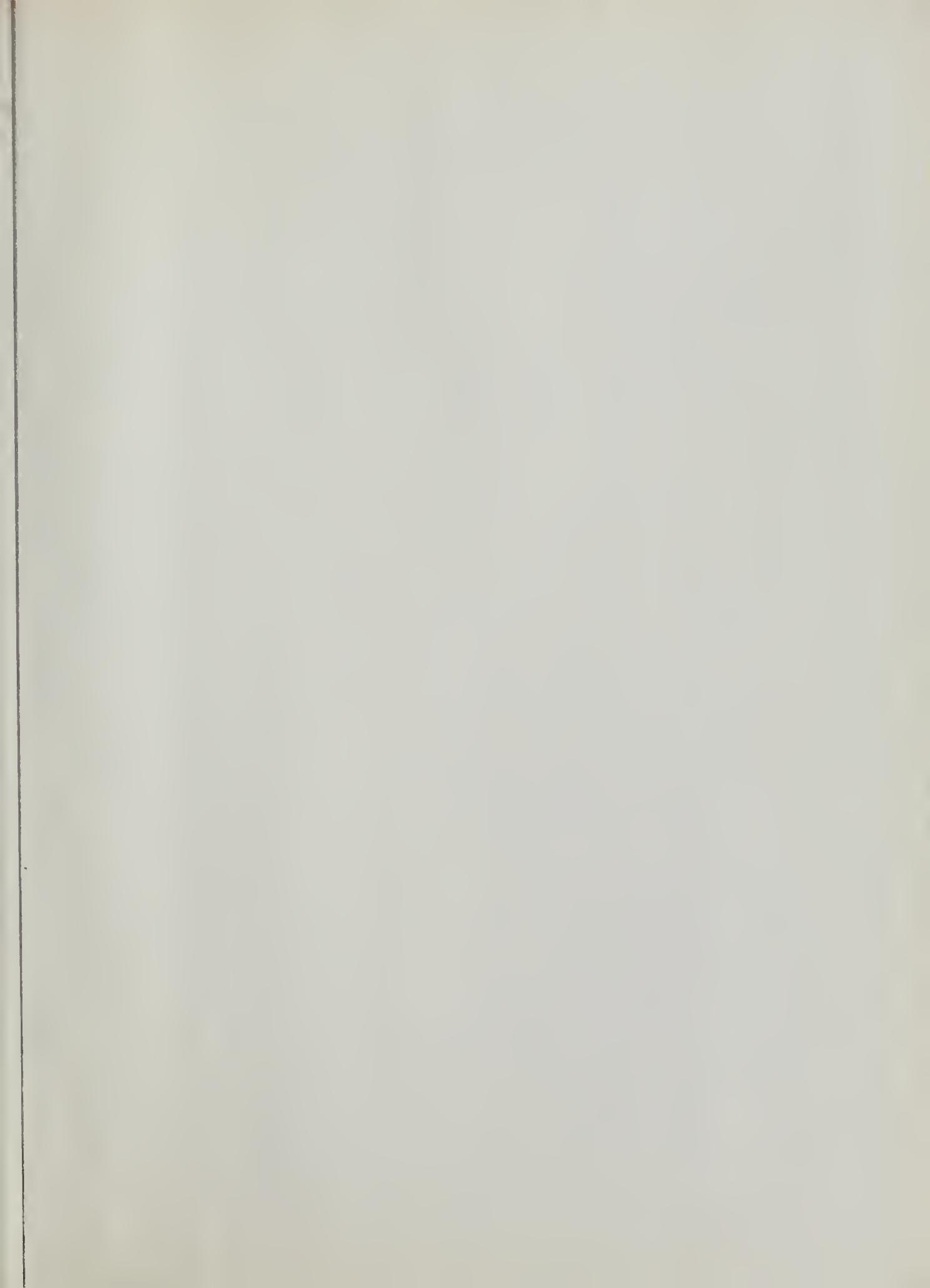
SPRING 1967

SCALE OF MILES
2 0 2 4 6 8 10 12 14





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